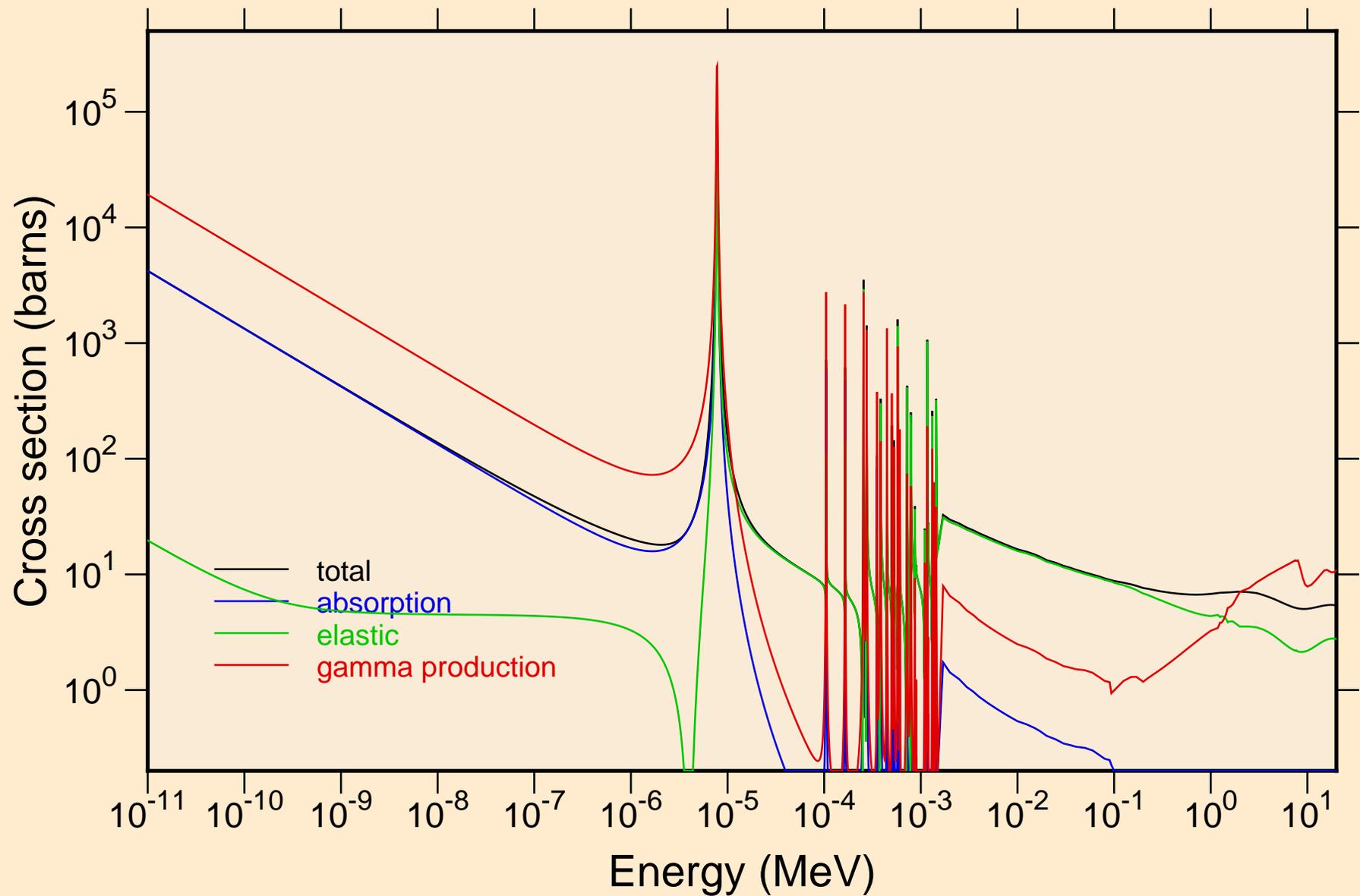
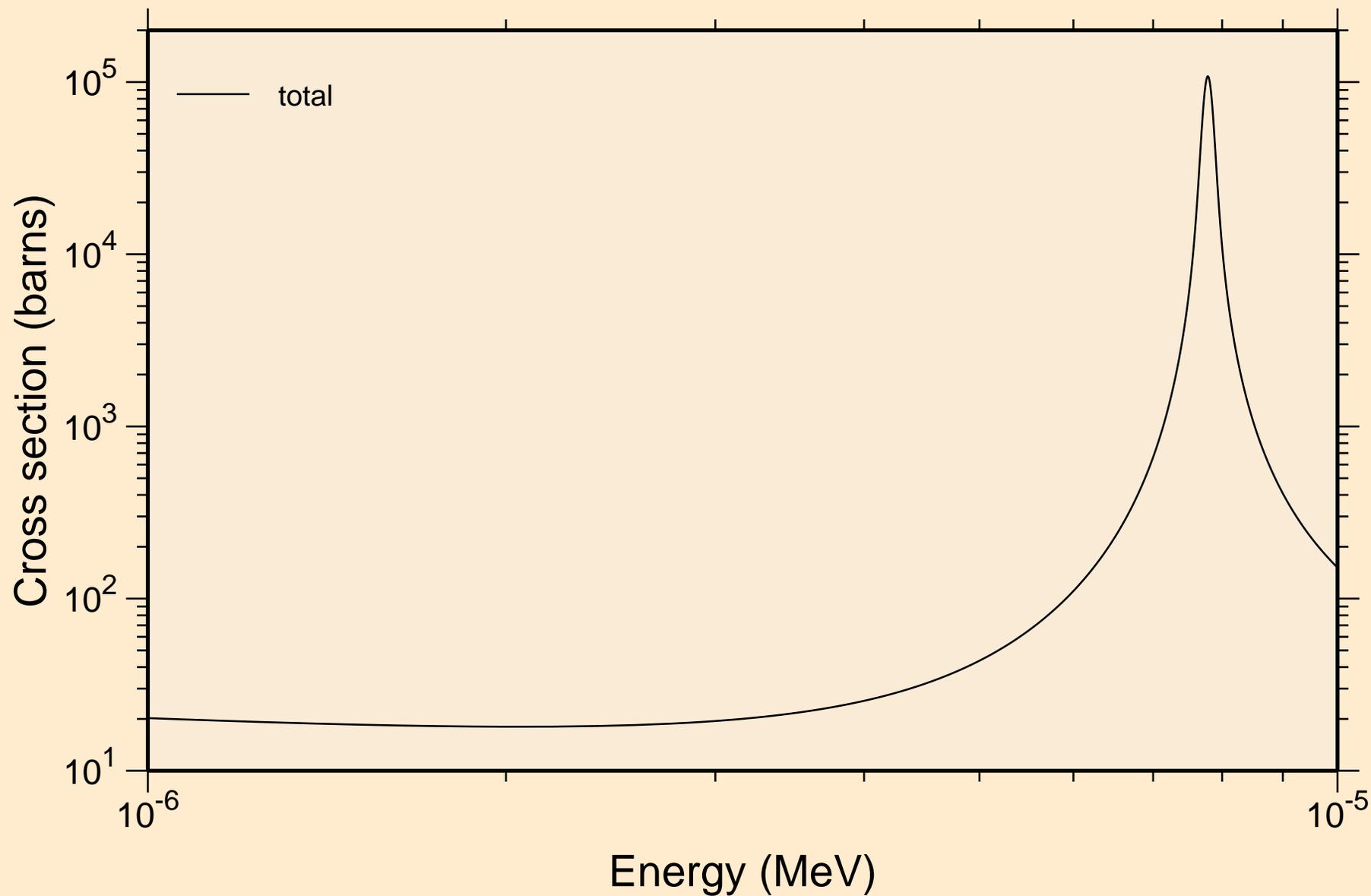


# JENDL-4 HF-178

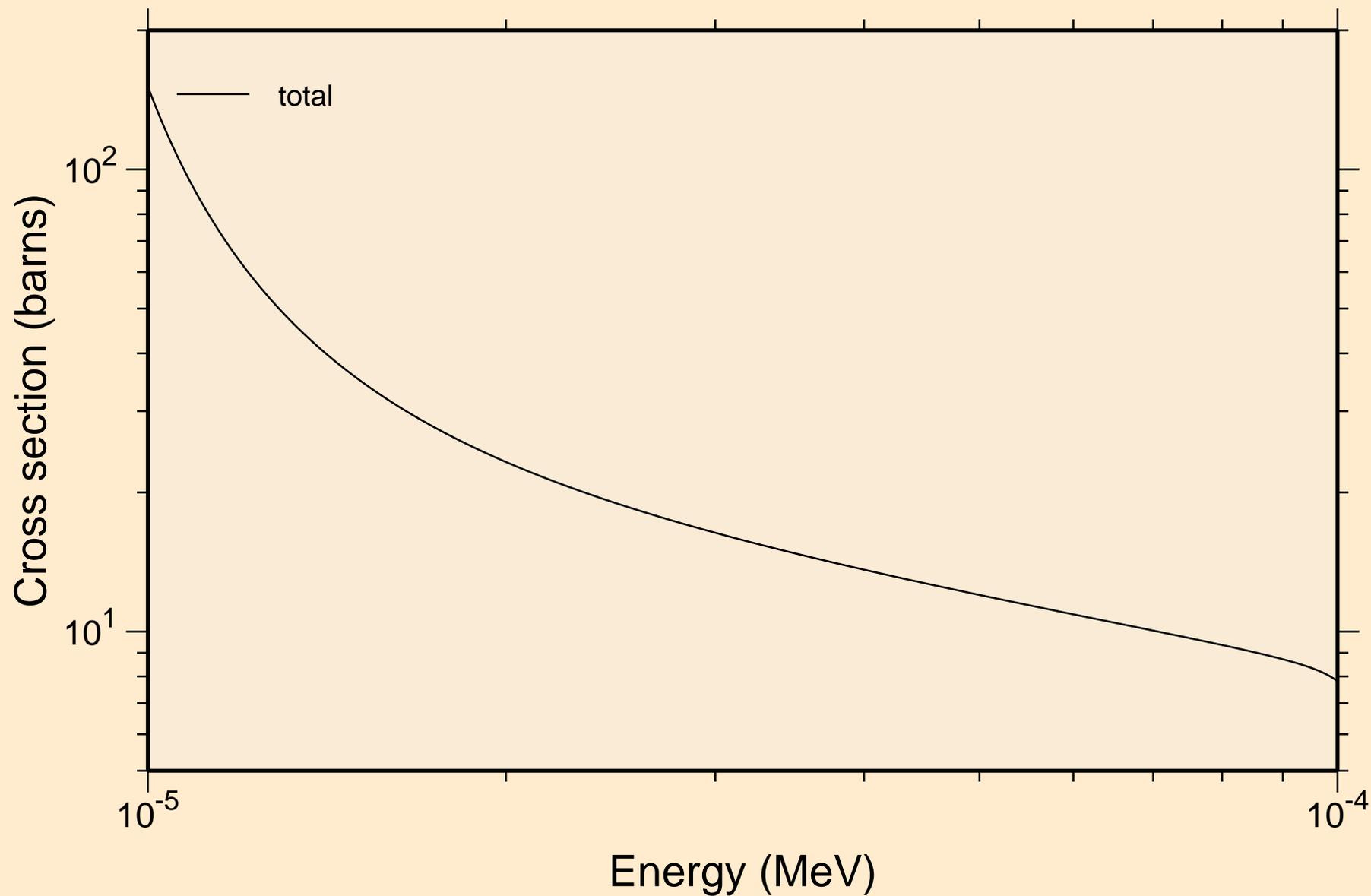
## Principal cross sections



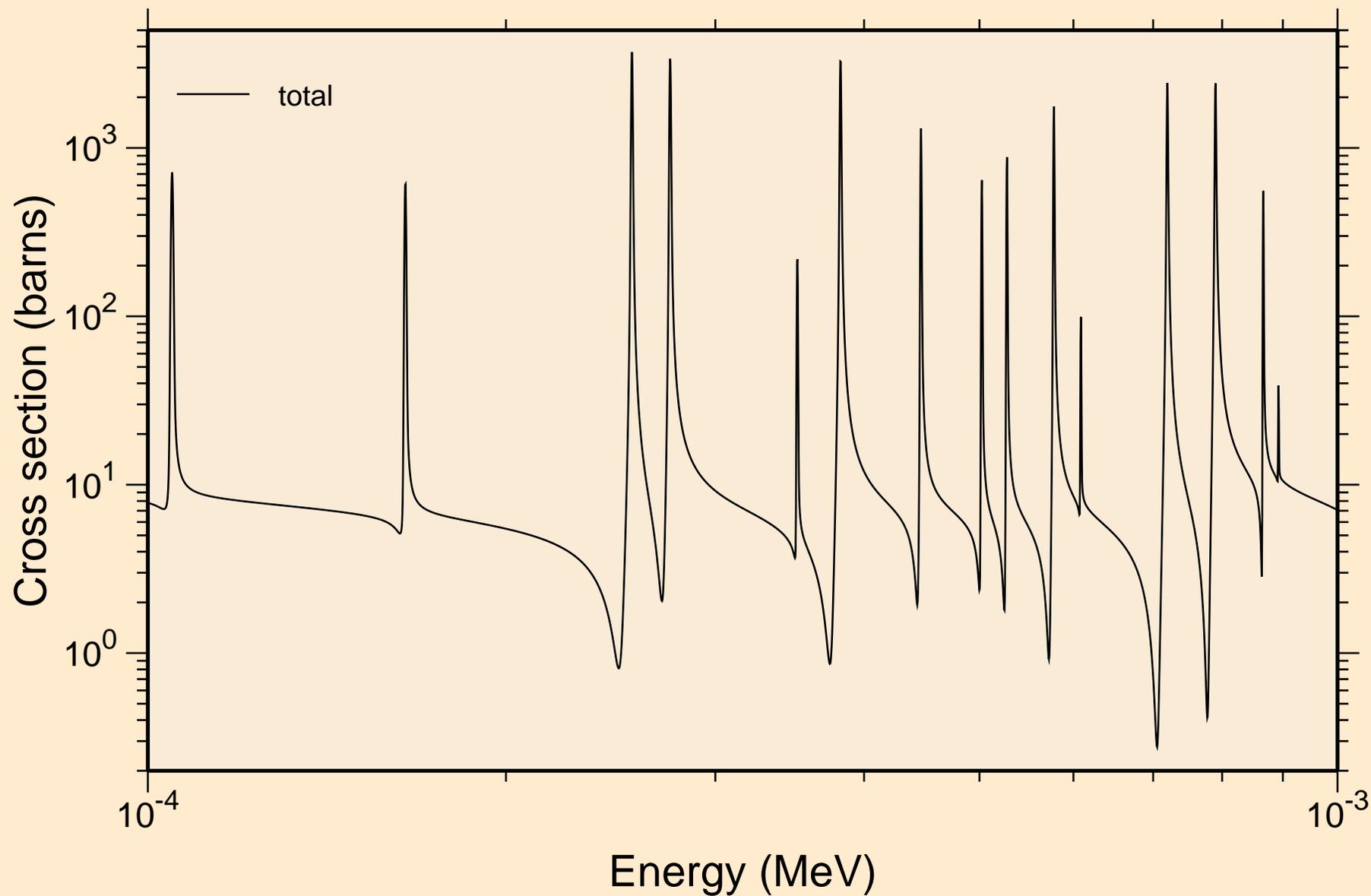
JENDL-4 HF-178  
resonance total cross section



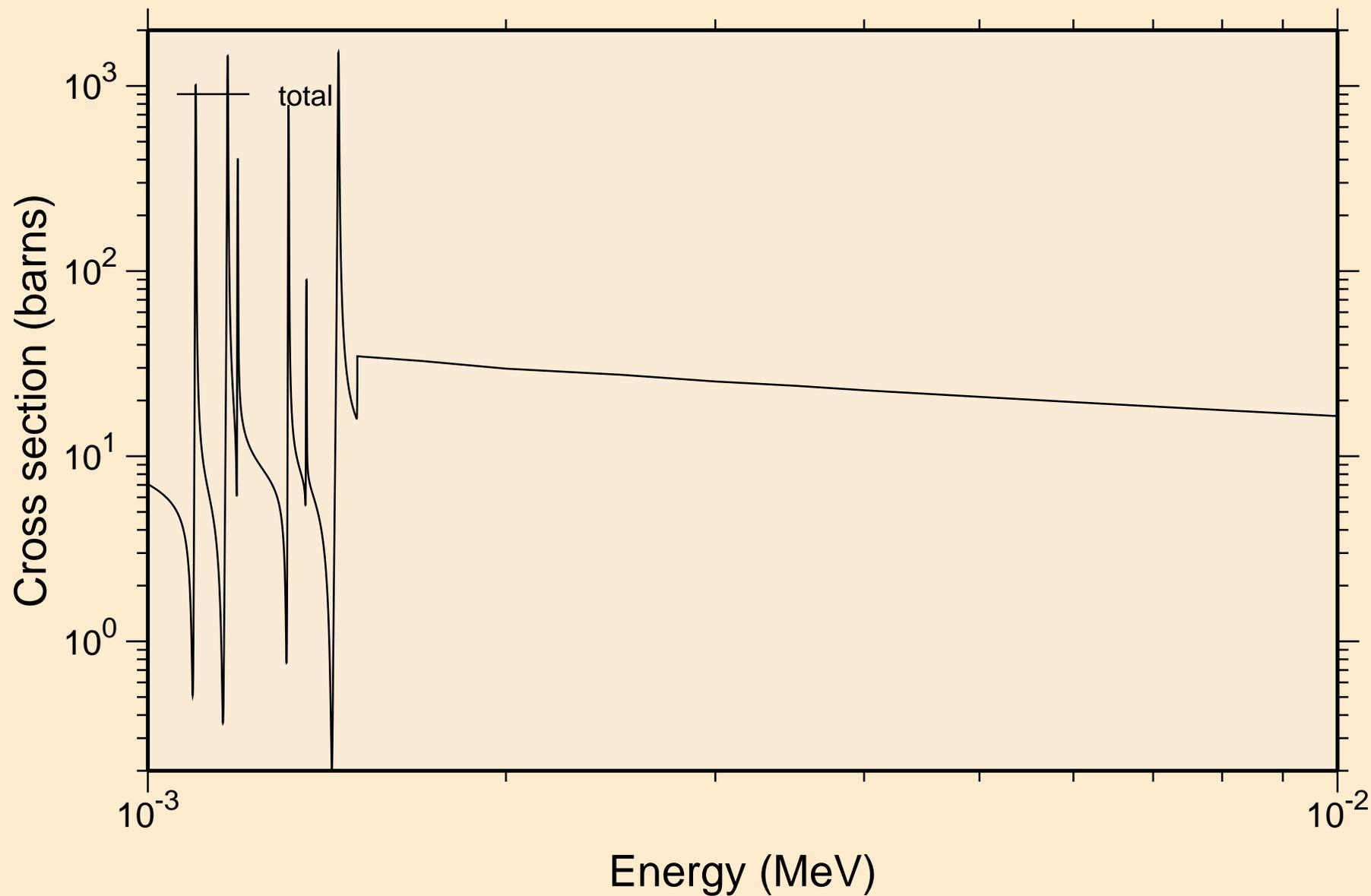
JENDL-4 HF-178  
resonance total cross section



JENDL-4 HF-178  
resonance total cross section

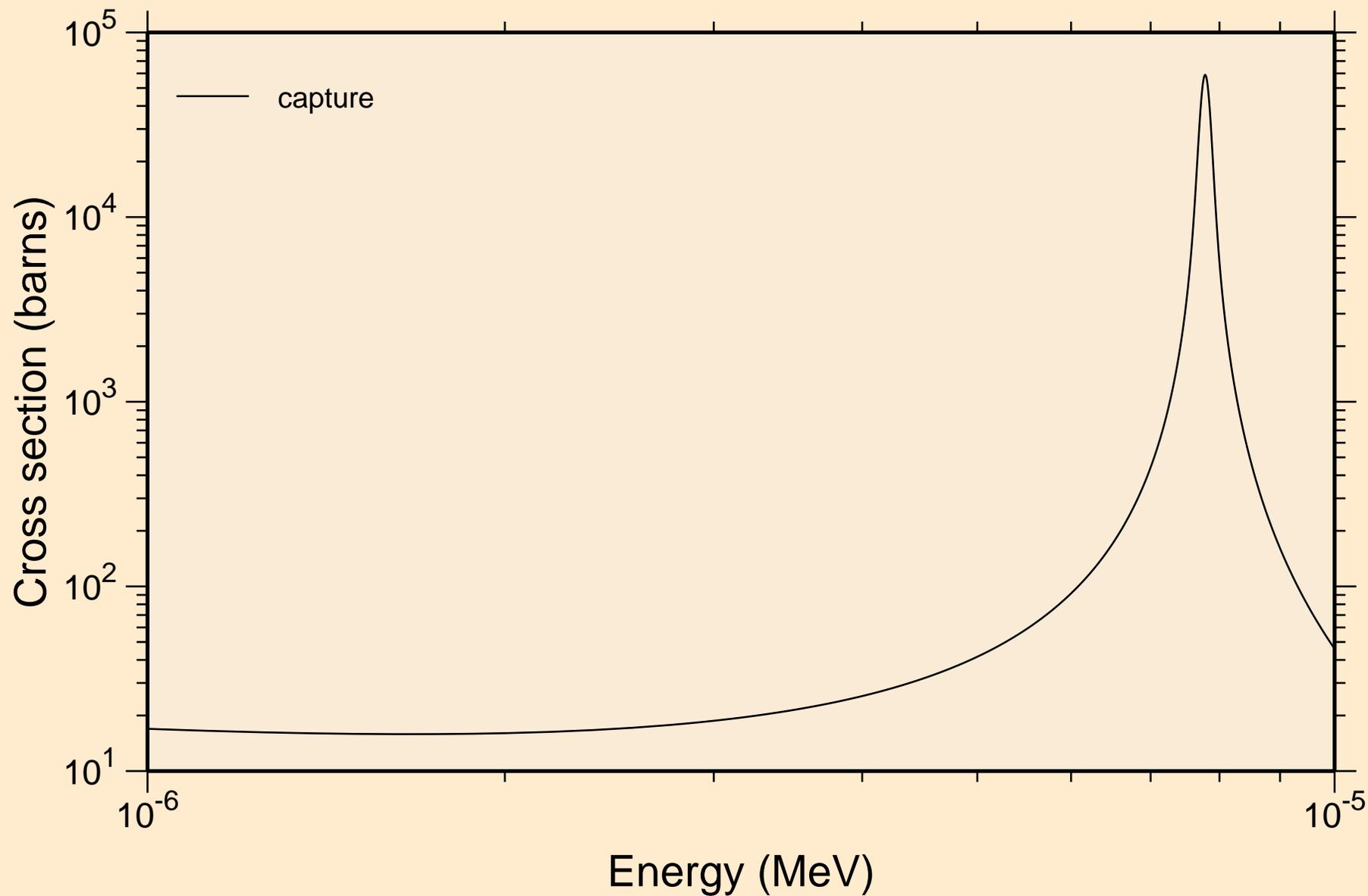


JENDL-4 HF-178  
resonance total cross section



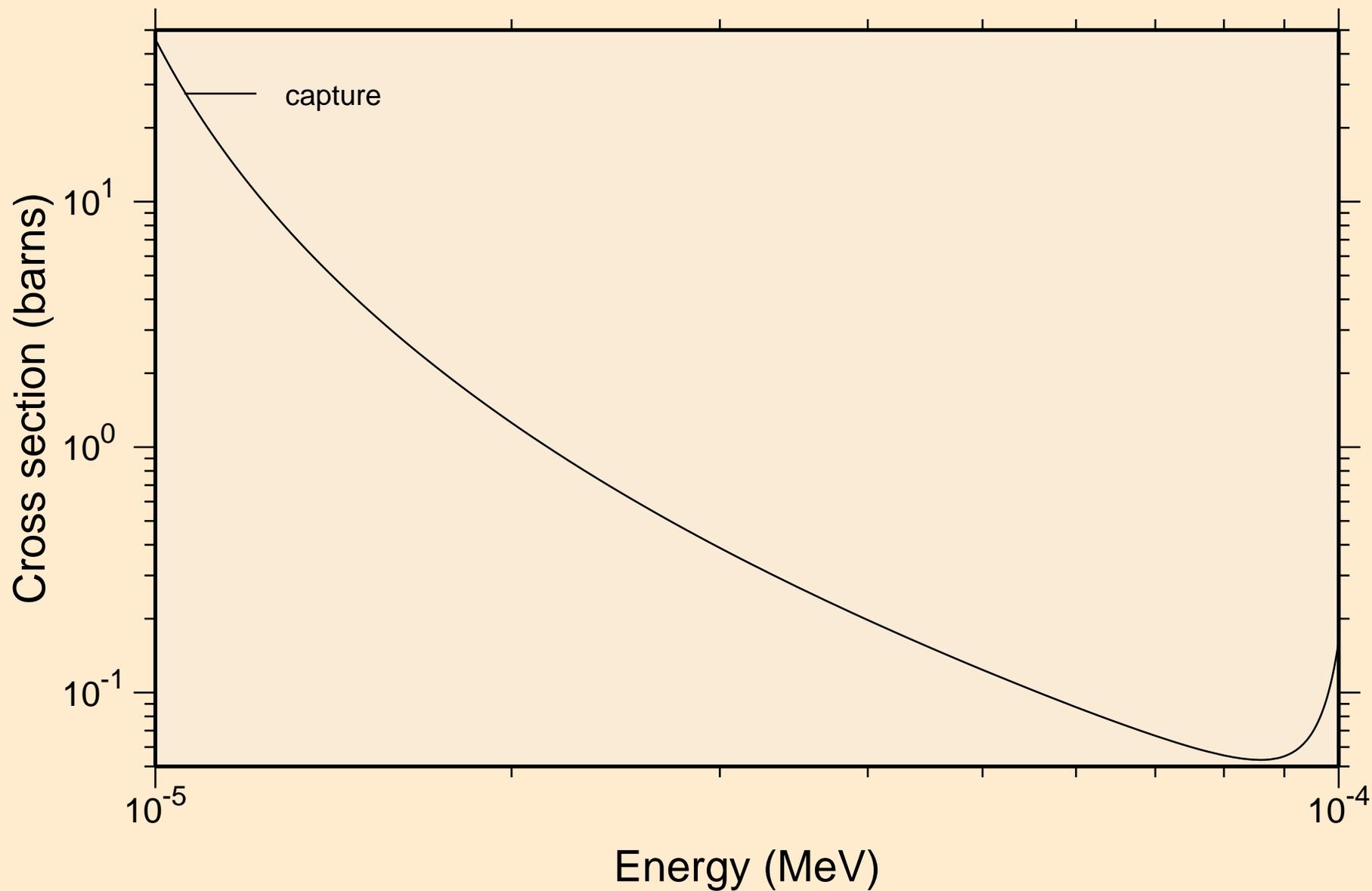
# JENDL-4 HF-178

## resonance absorption cross sections



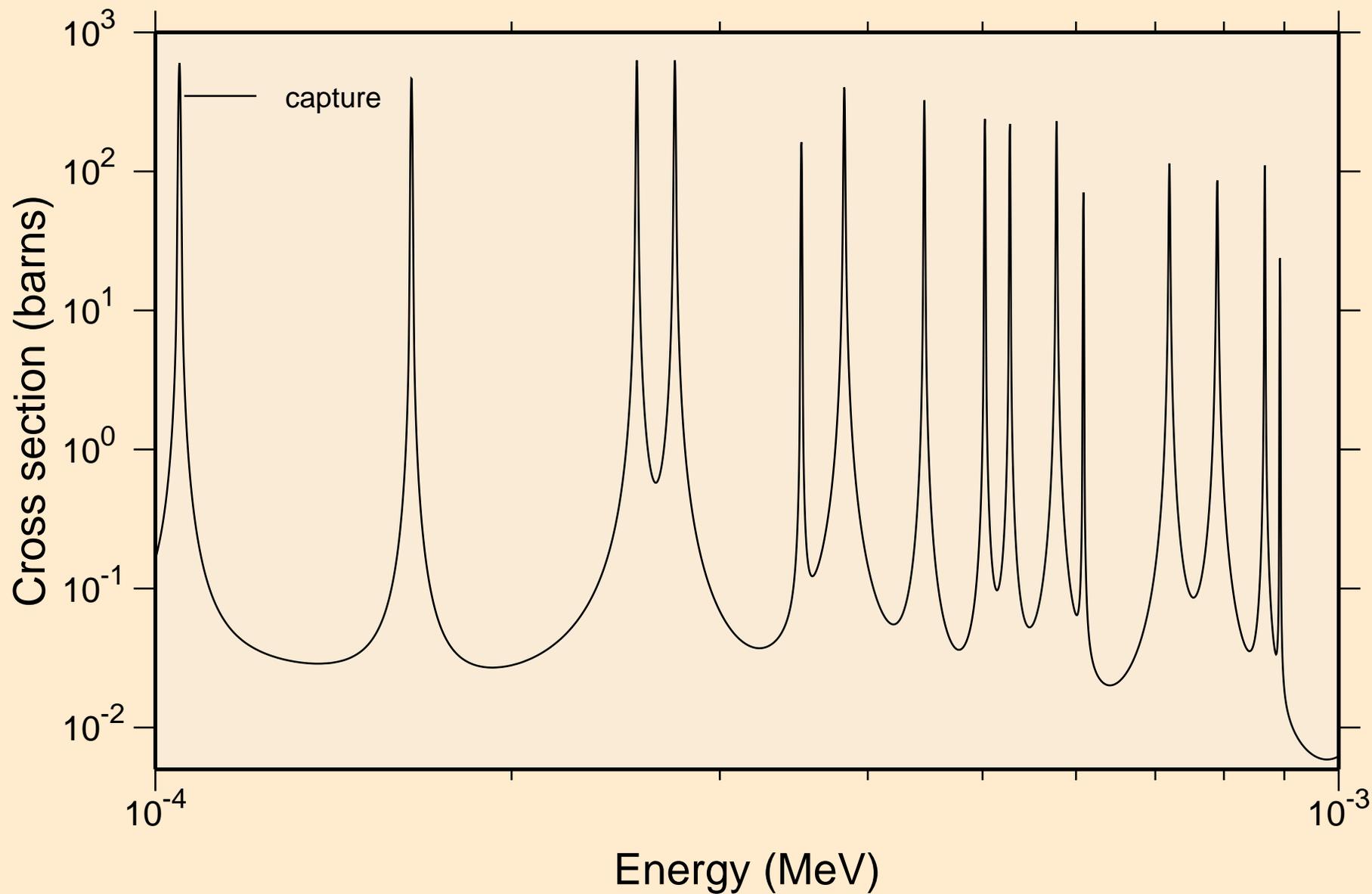
# JENDL-4 HF-178

## resonance absorption cross sections



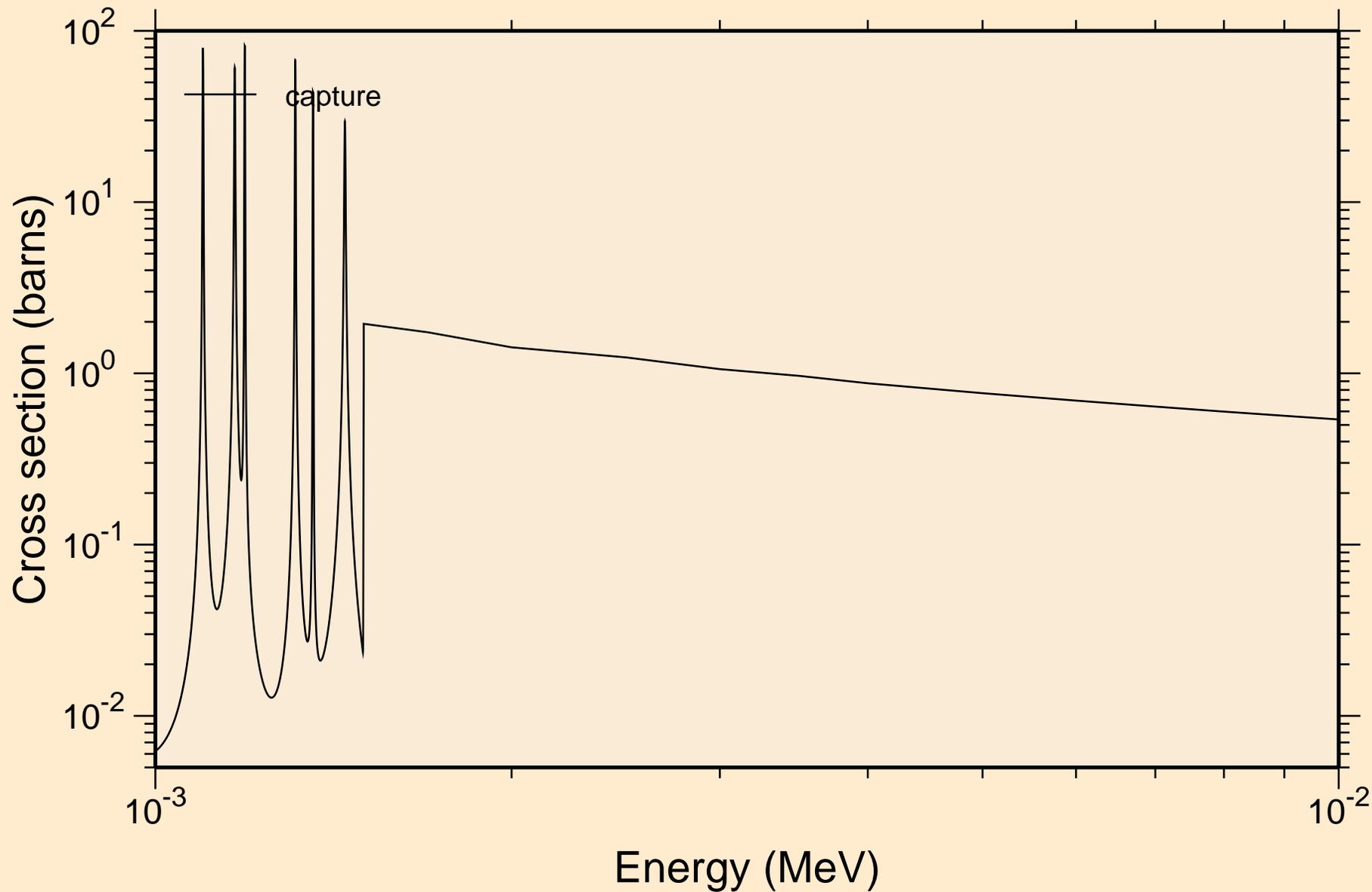
# JENDL-4 HF-178

## resonance absorption cross sections



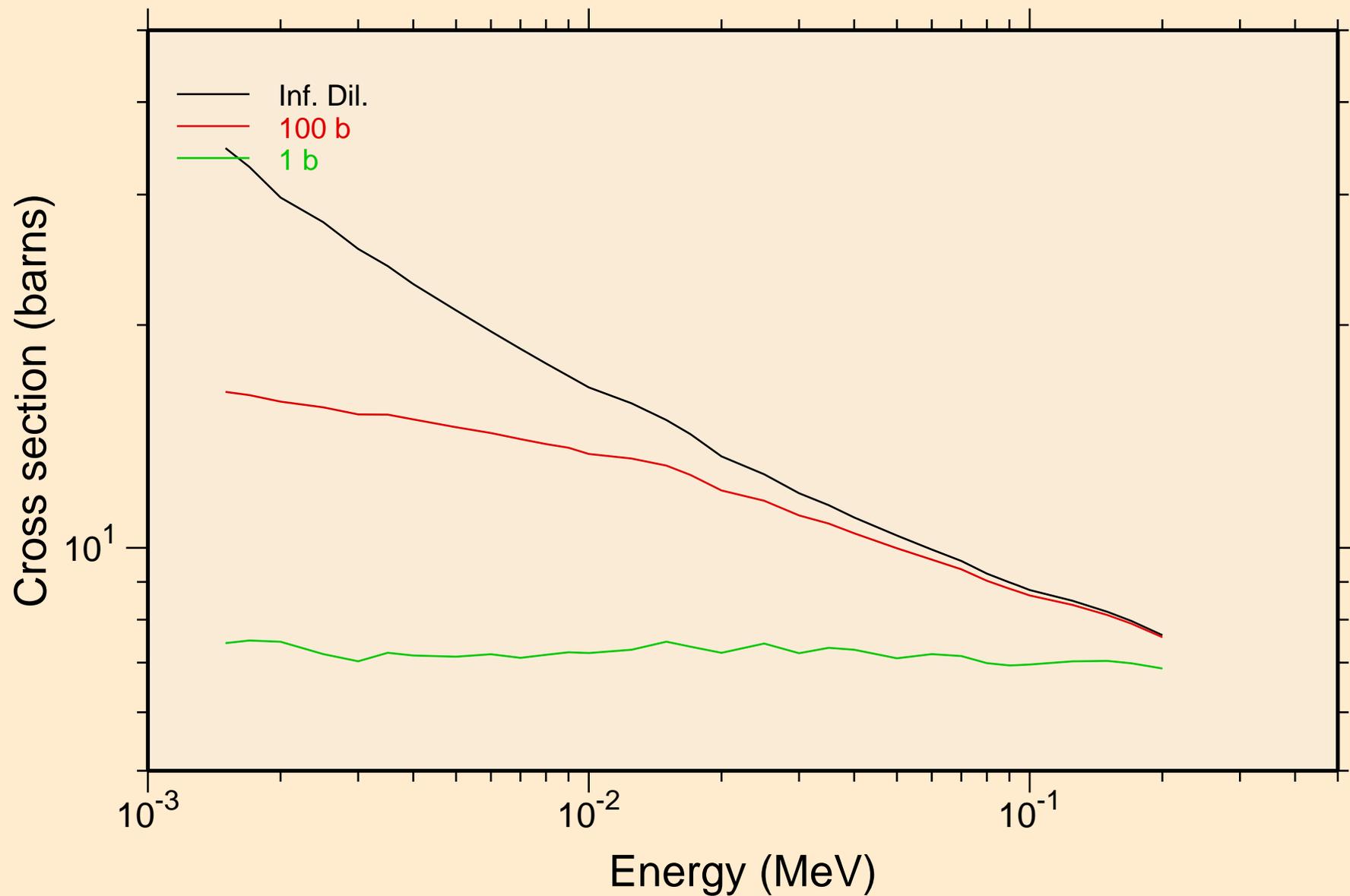
# JENDL-4 HF-178

## resonance absorption cross sections



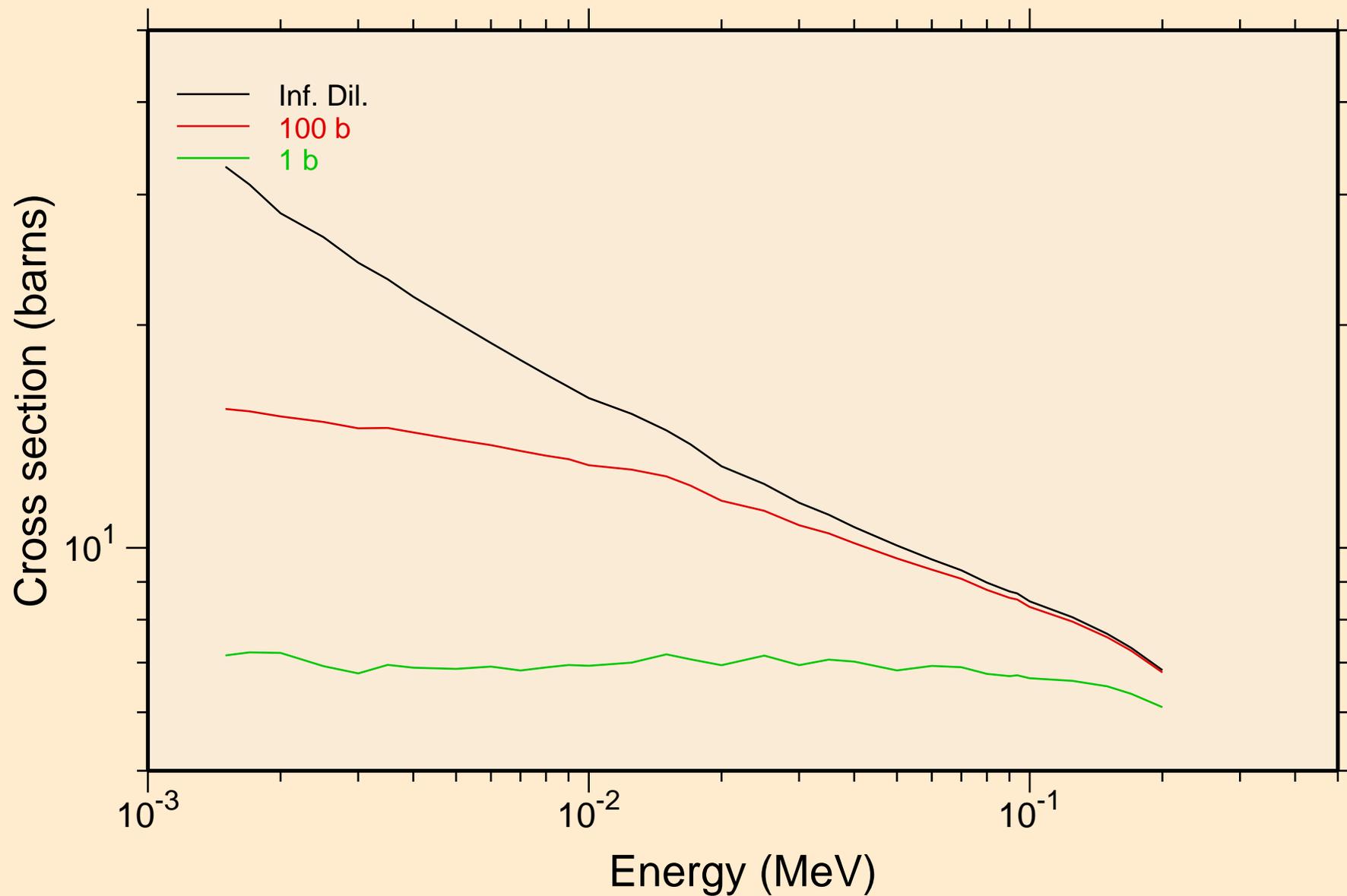
# JENDL-4 HF-178

## UR total cross section



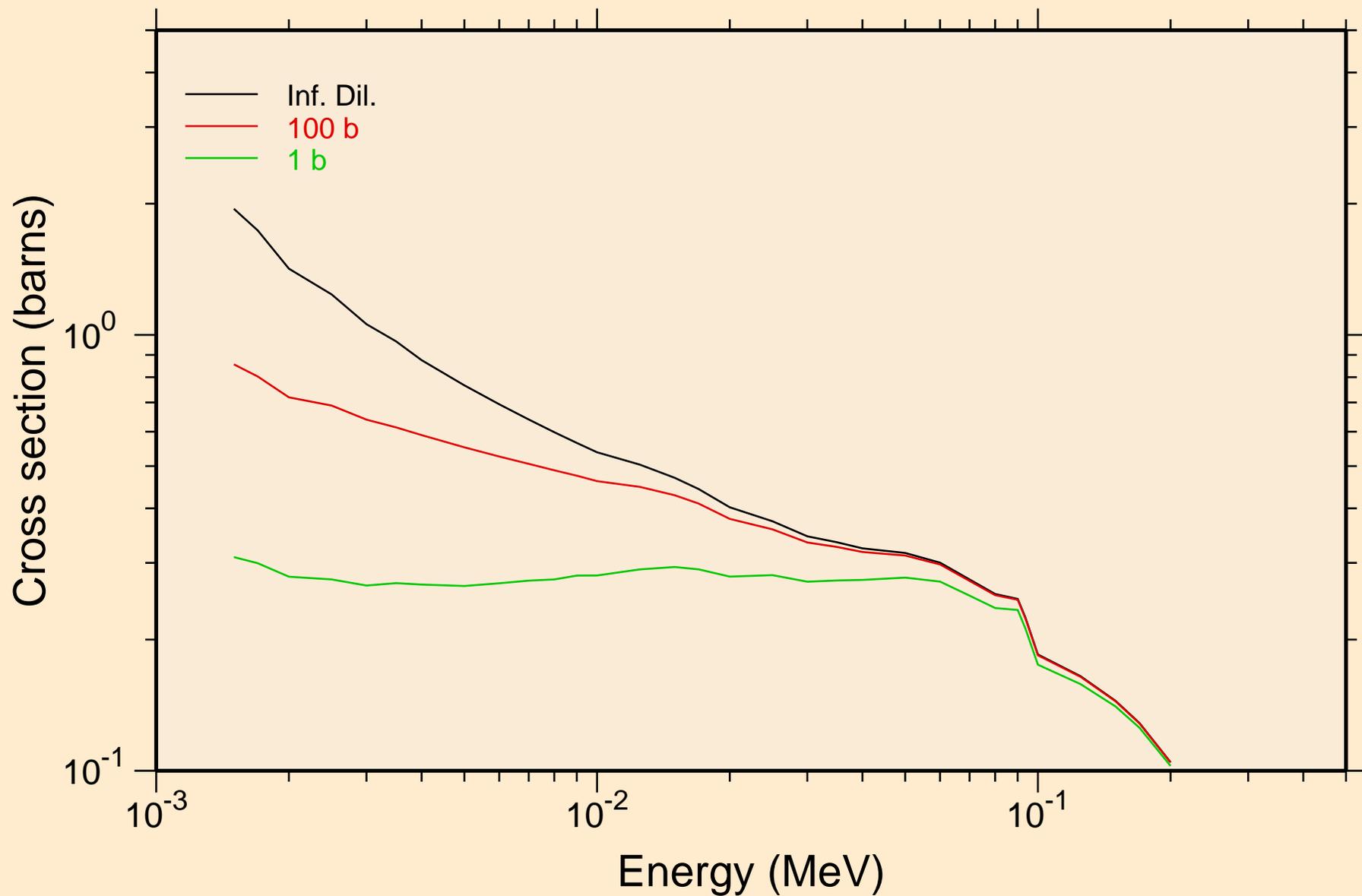
# JENDL-4 HF-178

## UR elastic cross section



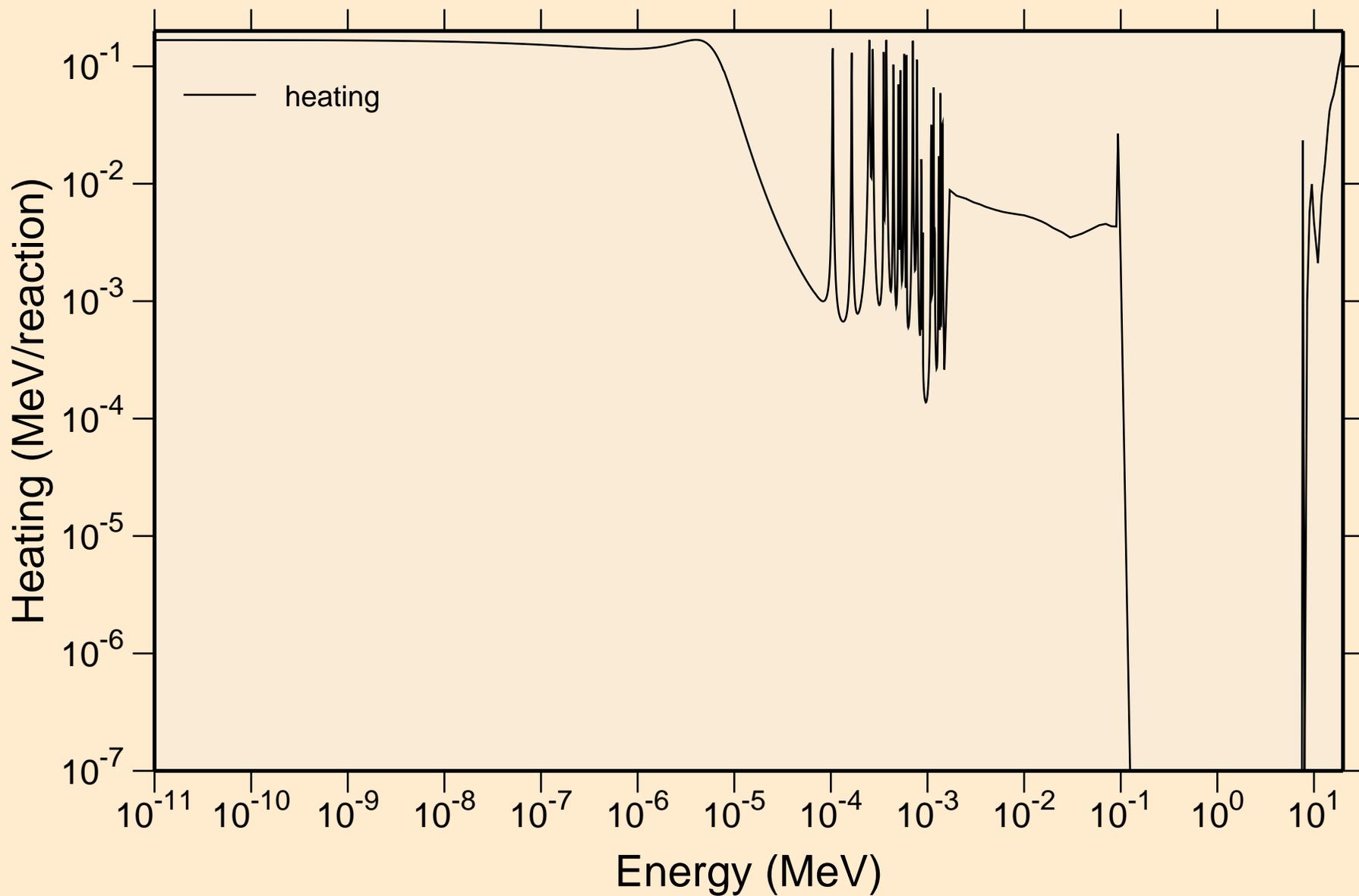
# JENDL-4 HF-178

## UR capture cross section



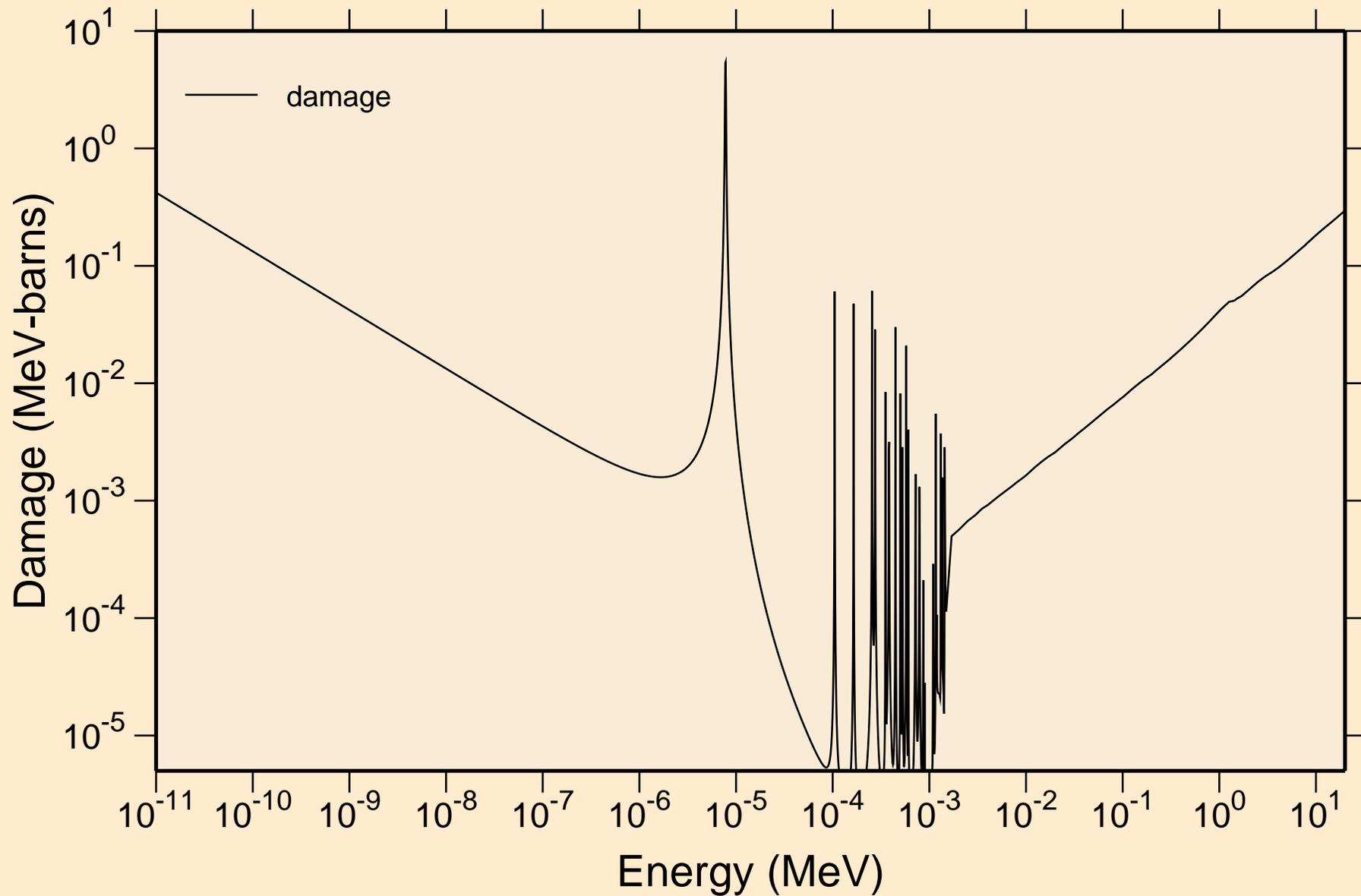
# JENDL-4 HF-178

## Heating



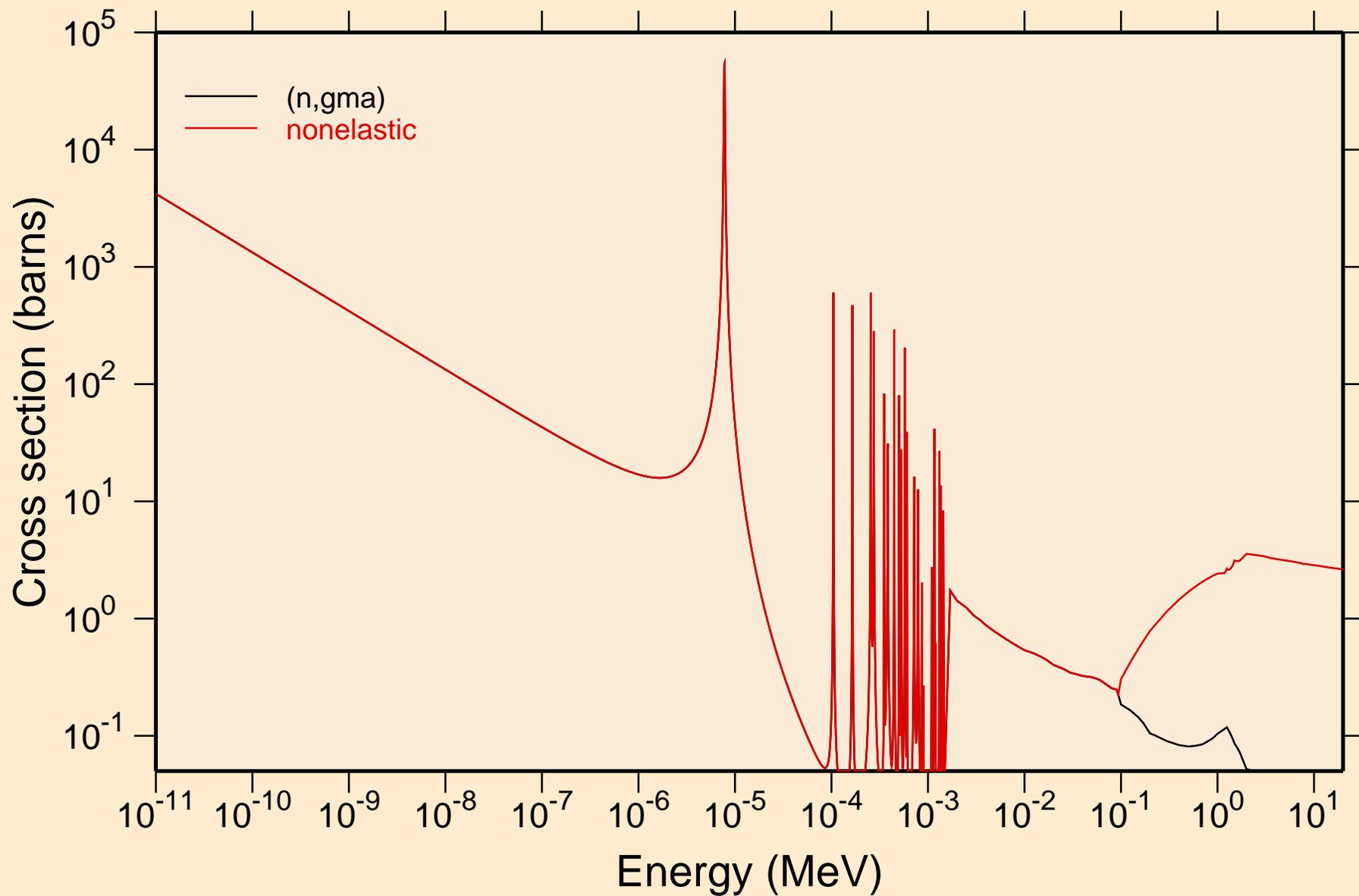
# JENDL-4 HF-178

## Damage



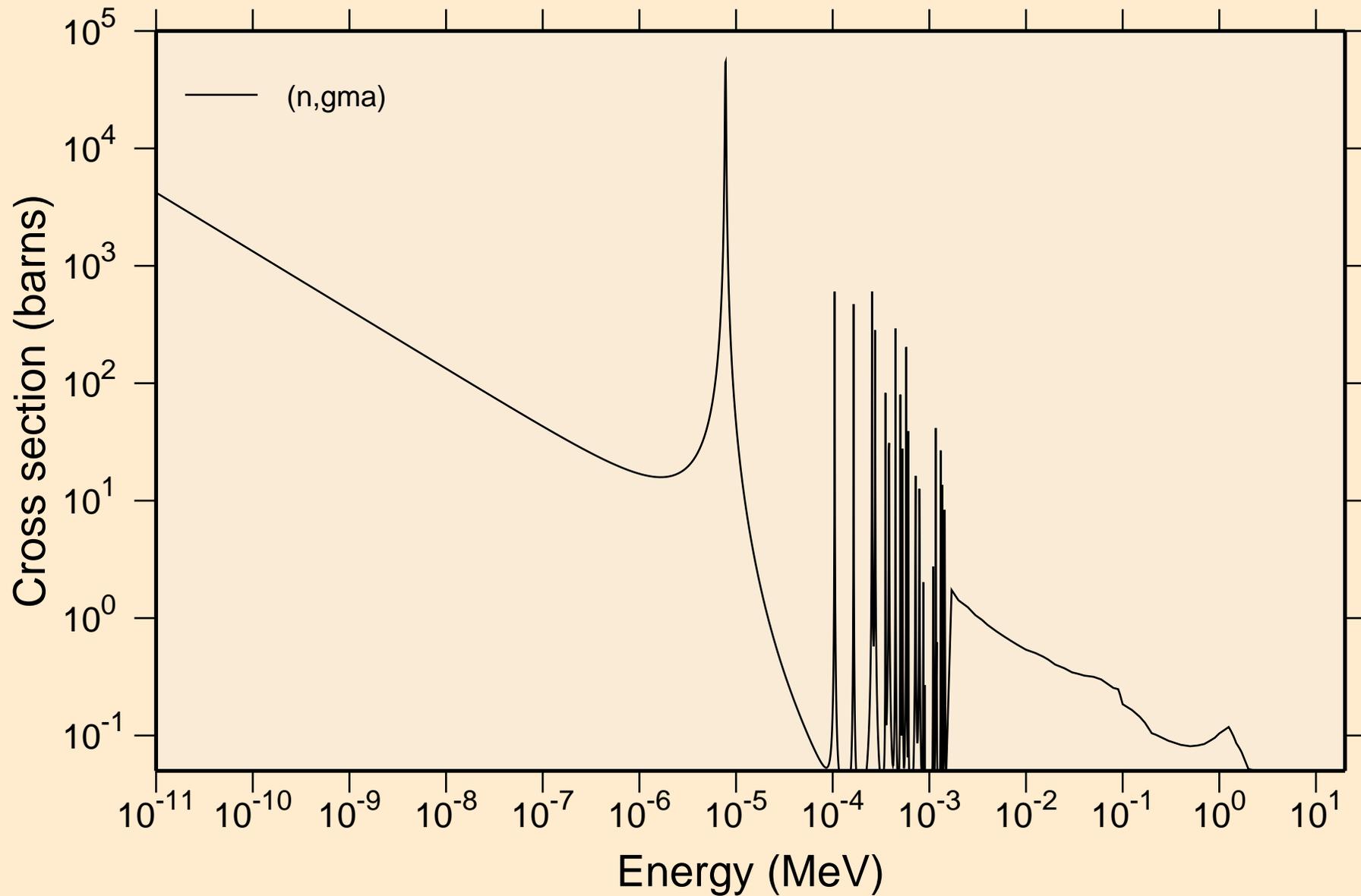
# JENDL-4 HF-178

## Non-threshold reactions



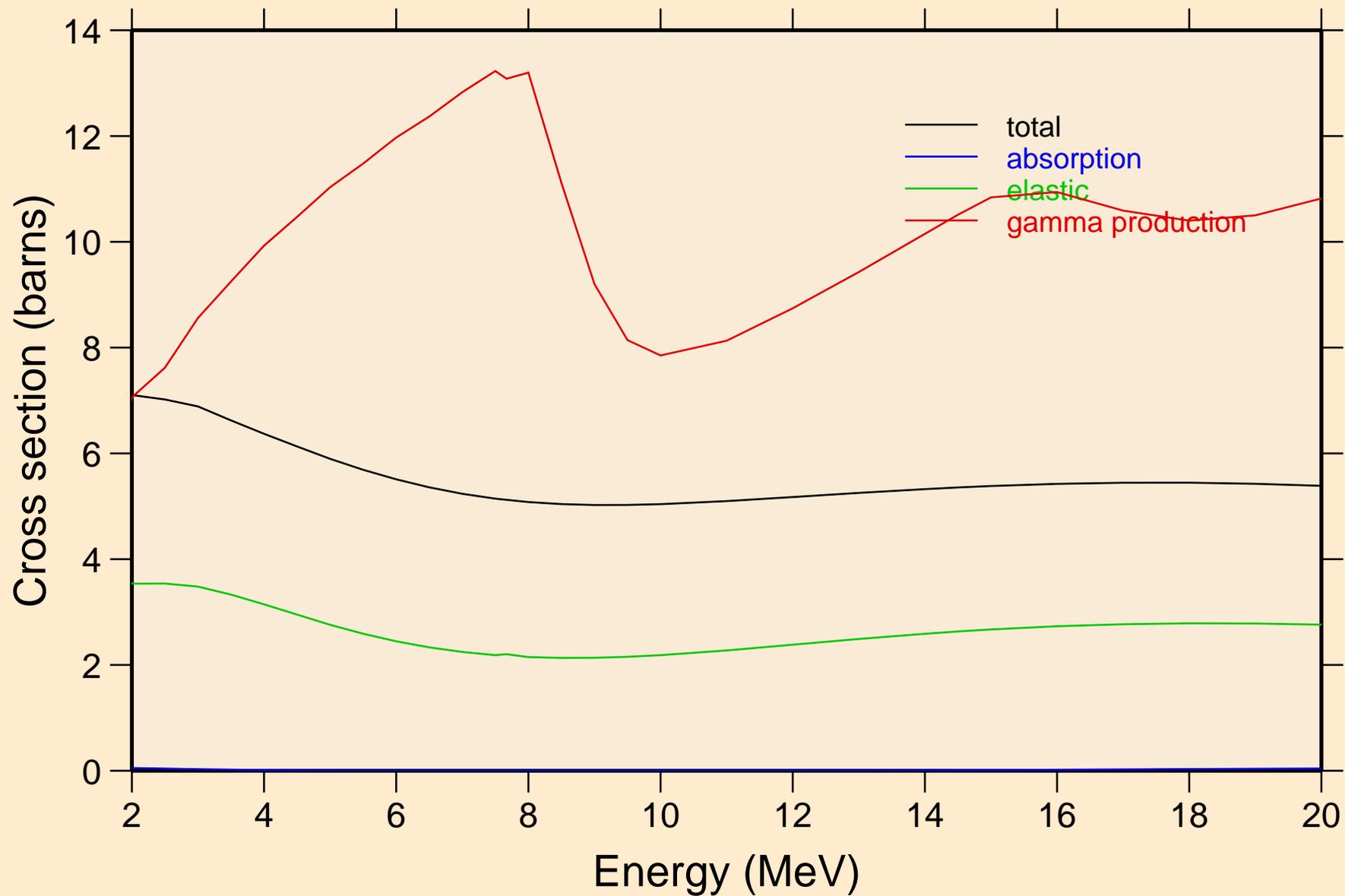
# JENDL-4 HF-178

## Non-threshold reactions



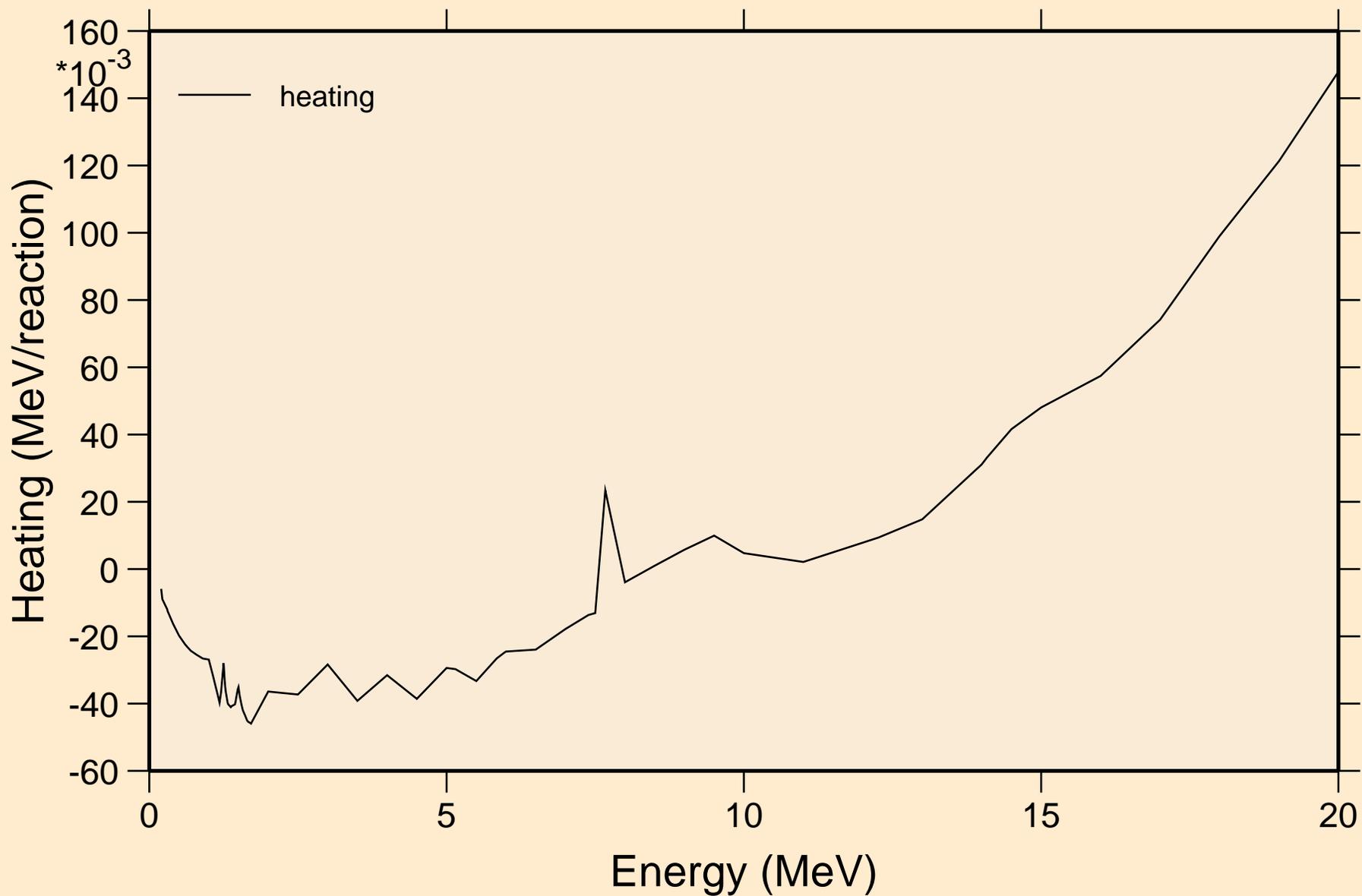
# JENDL-4 HF-178

## Principal cross sections



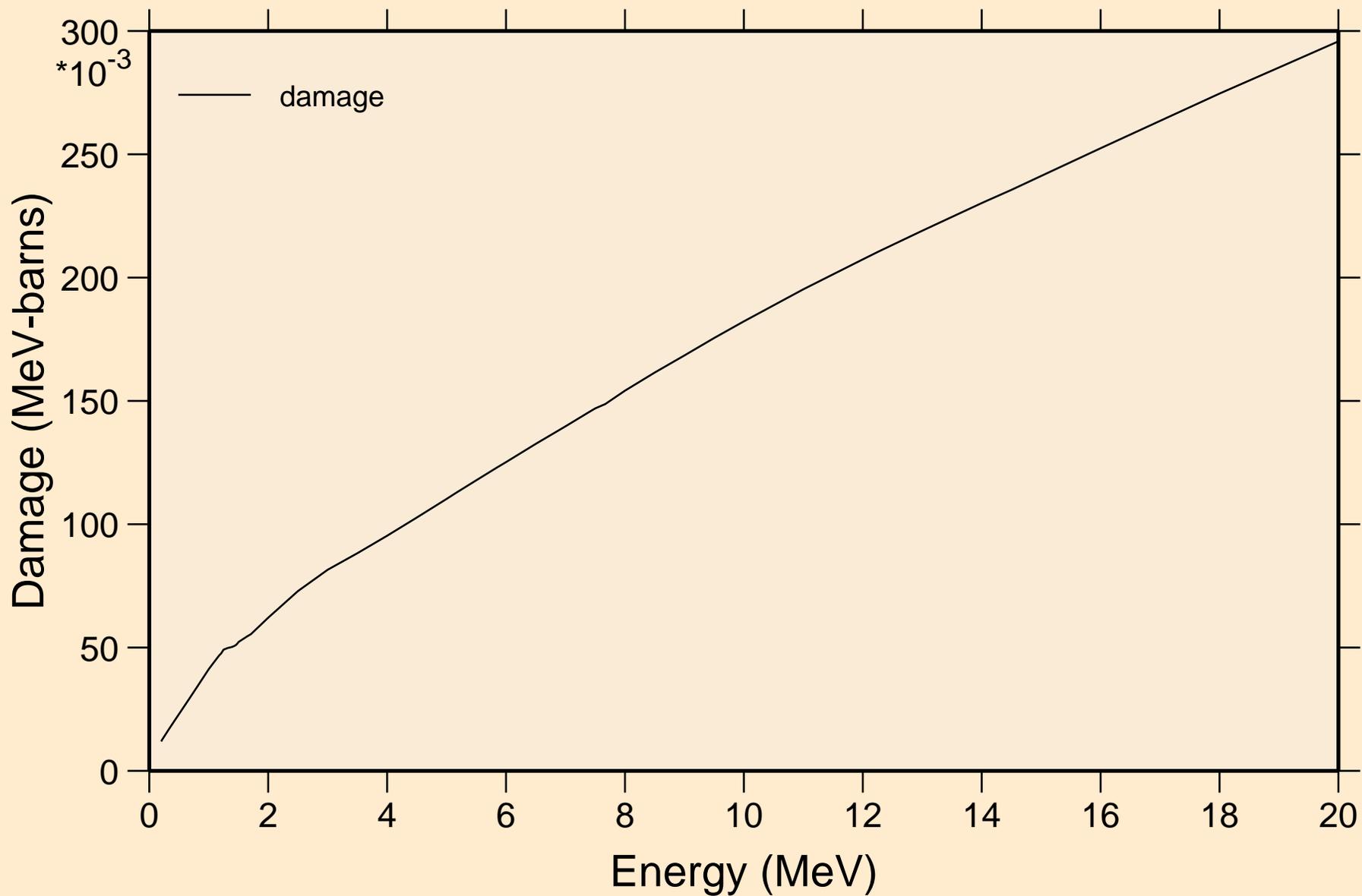
# JENDL-4 HF-178

## Heating



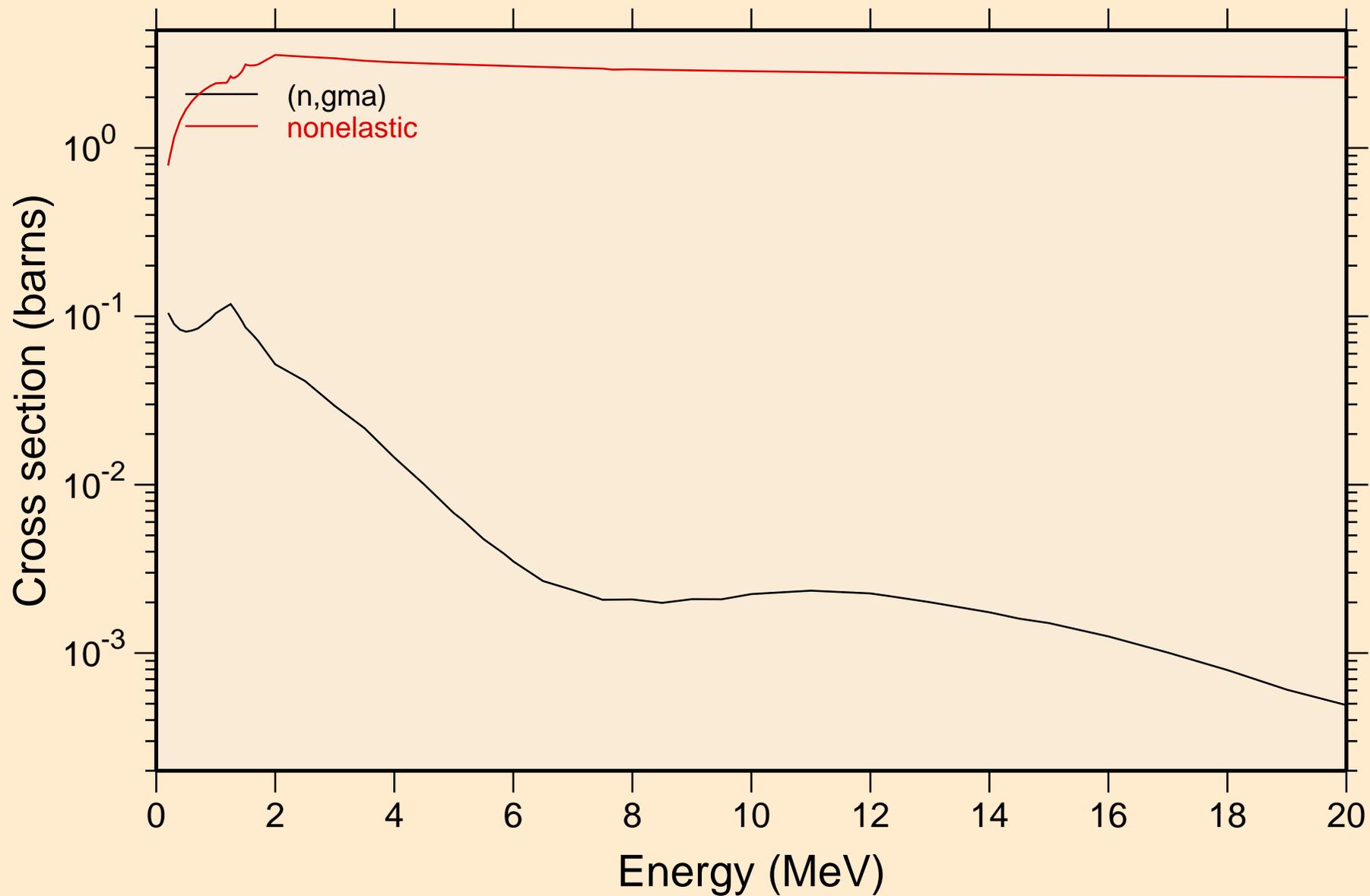
# JENDL-4 HF-178

## Damage

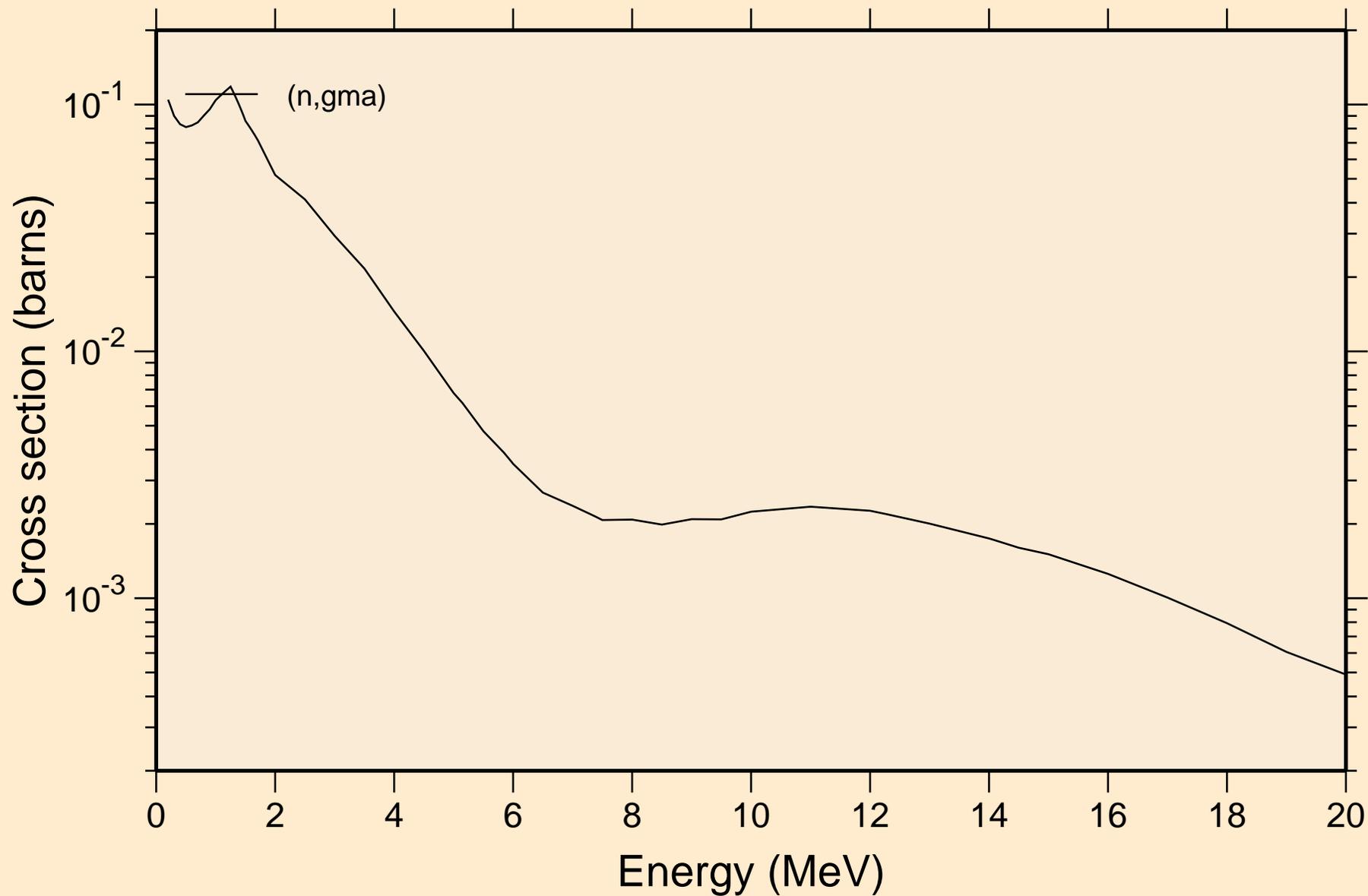


# JENDL-4 HF-178

## Non-threshold reactions

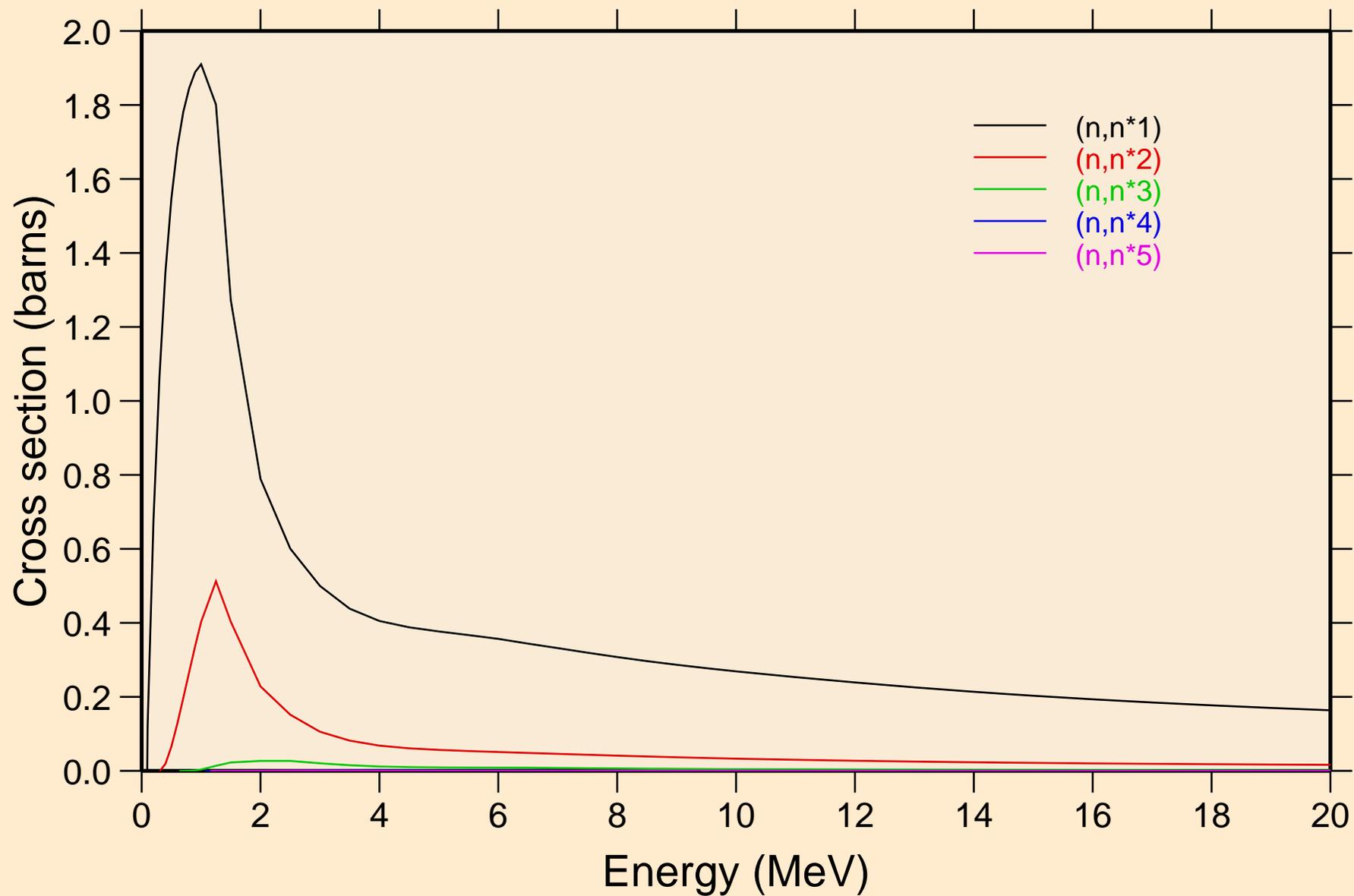


JENDL-4 HF-178  
Non-threshold reactions



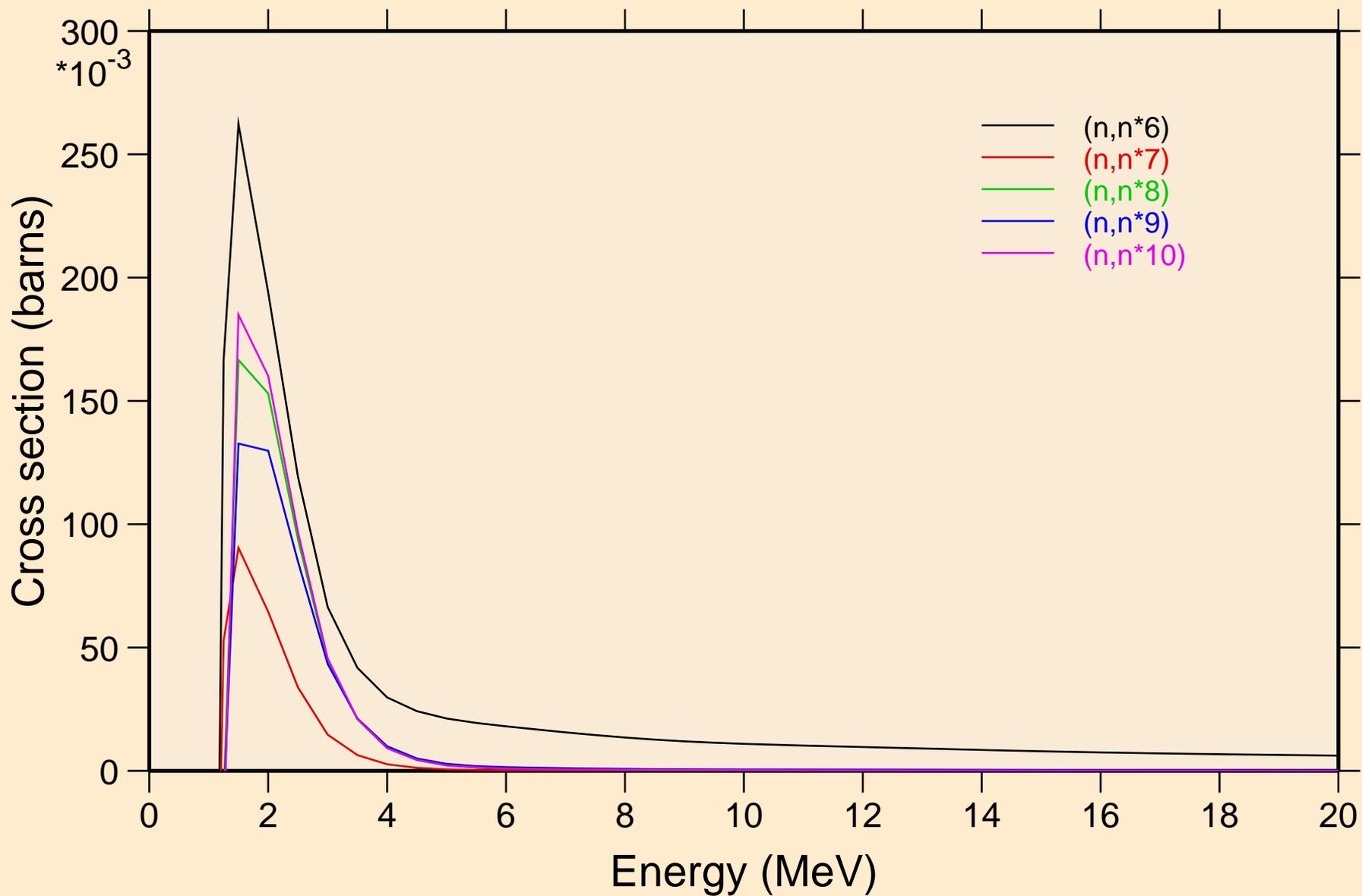
# JENDL-4 HF-178

## Inelastic levels



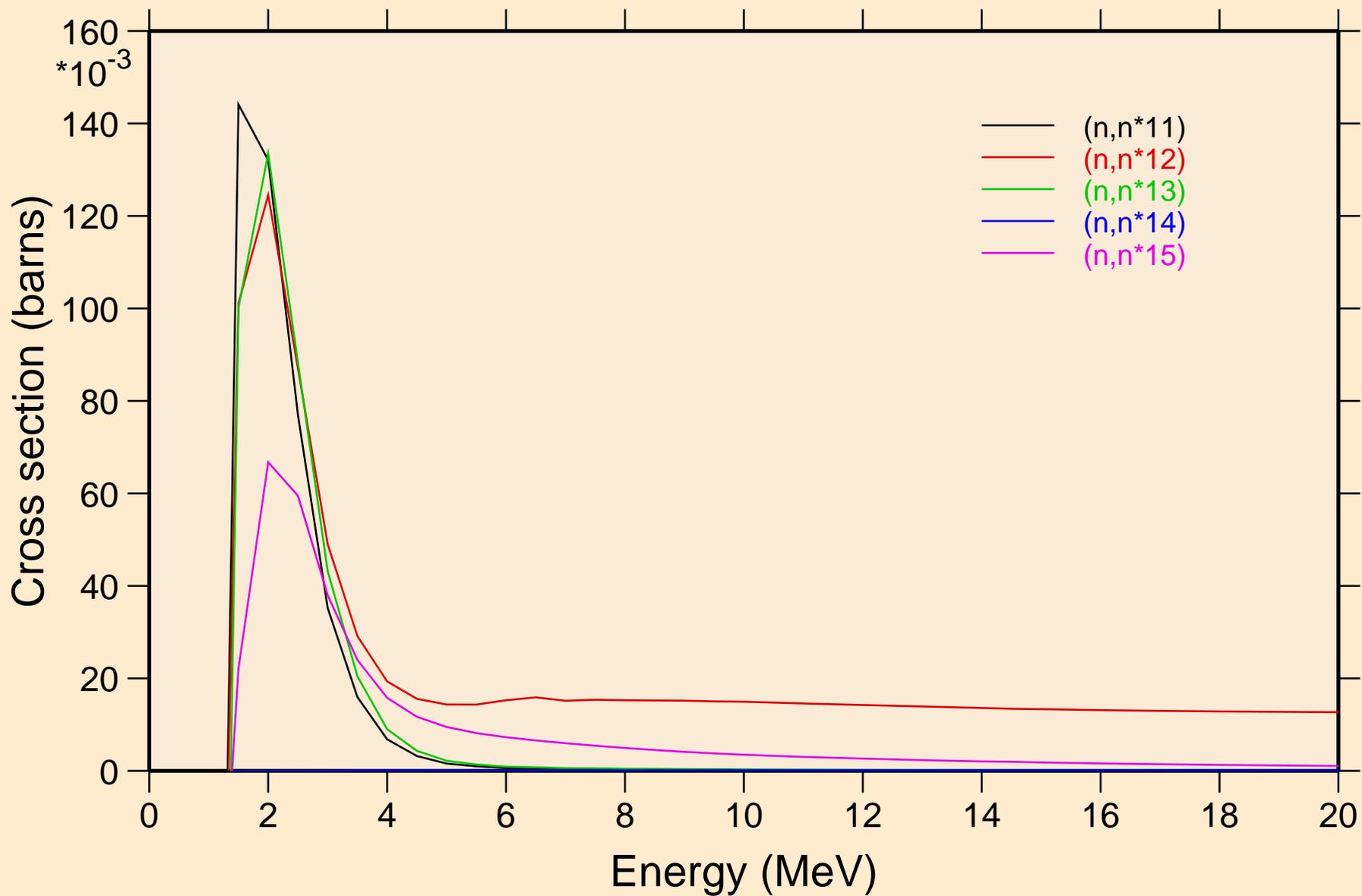
# JENDL-4 HF-178

## Inelastic levels



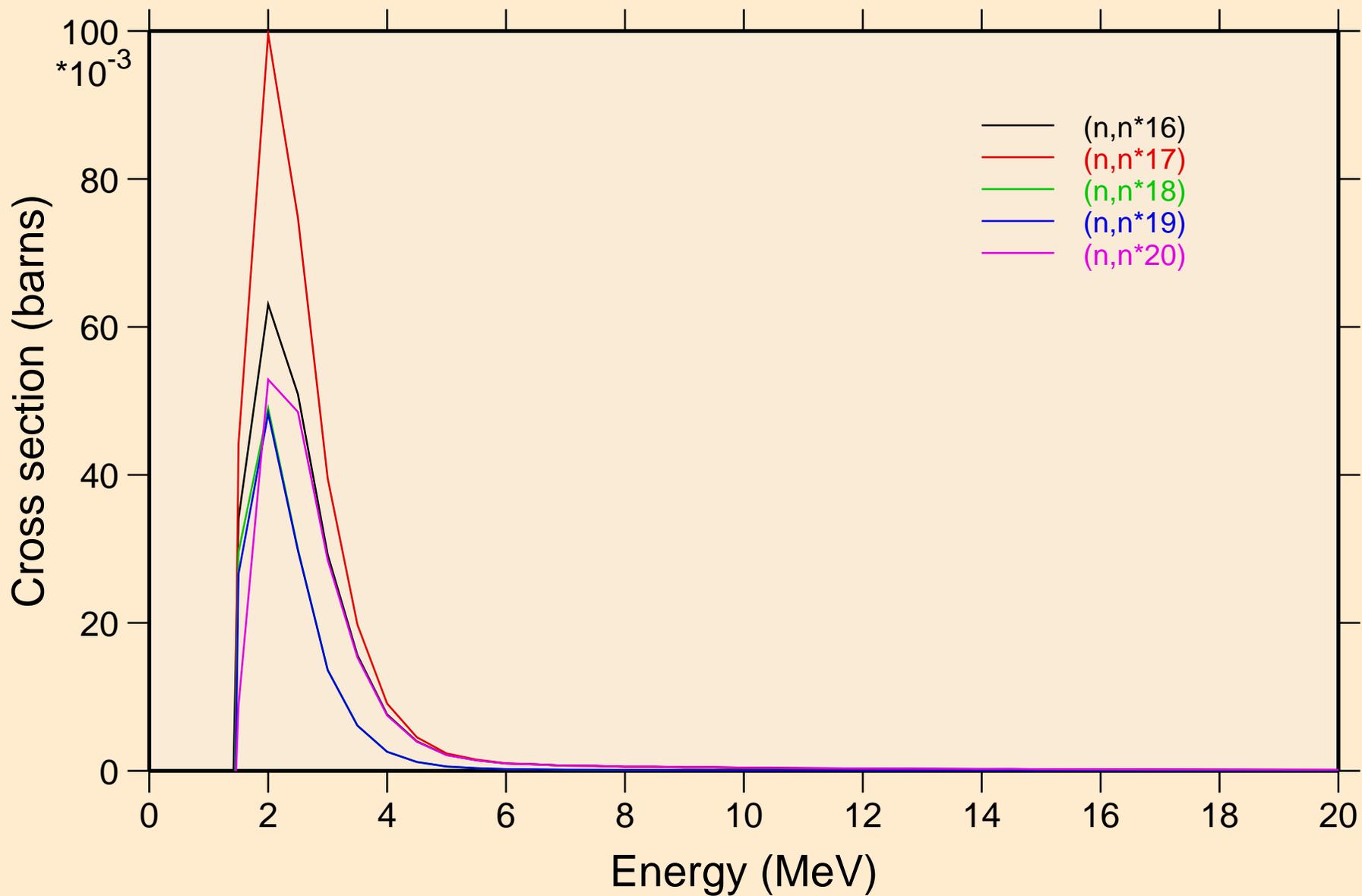
# JENDL-4 HF-178

## Inelastic levels



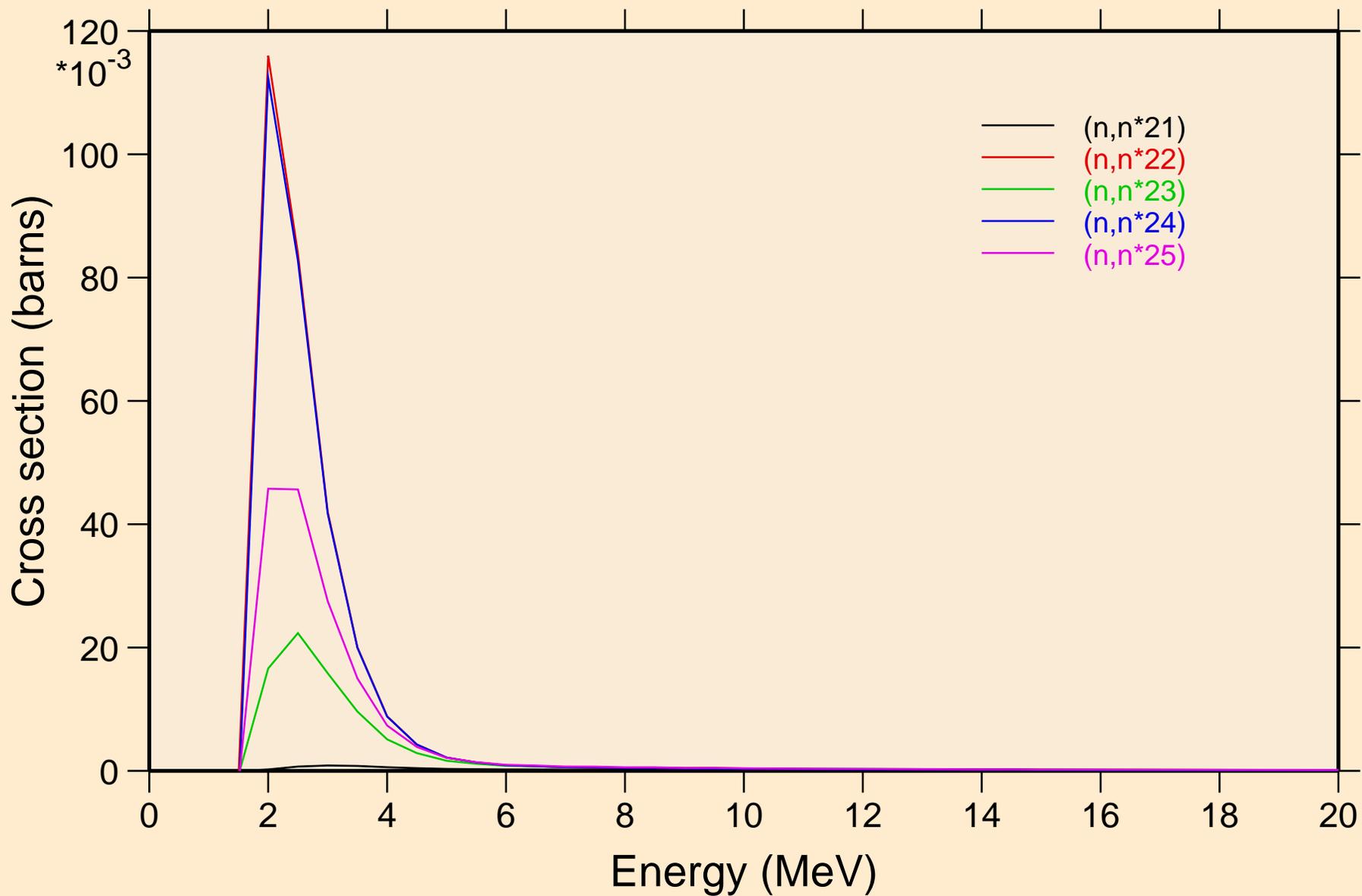
# JENDL-4 HF-178

## Inelastic levels



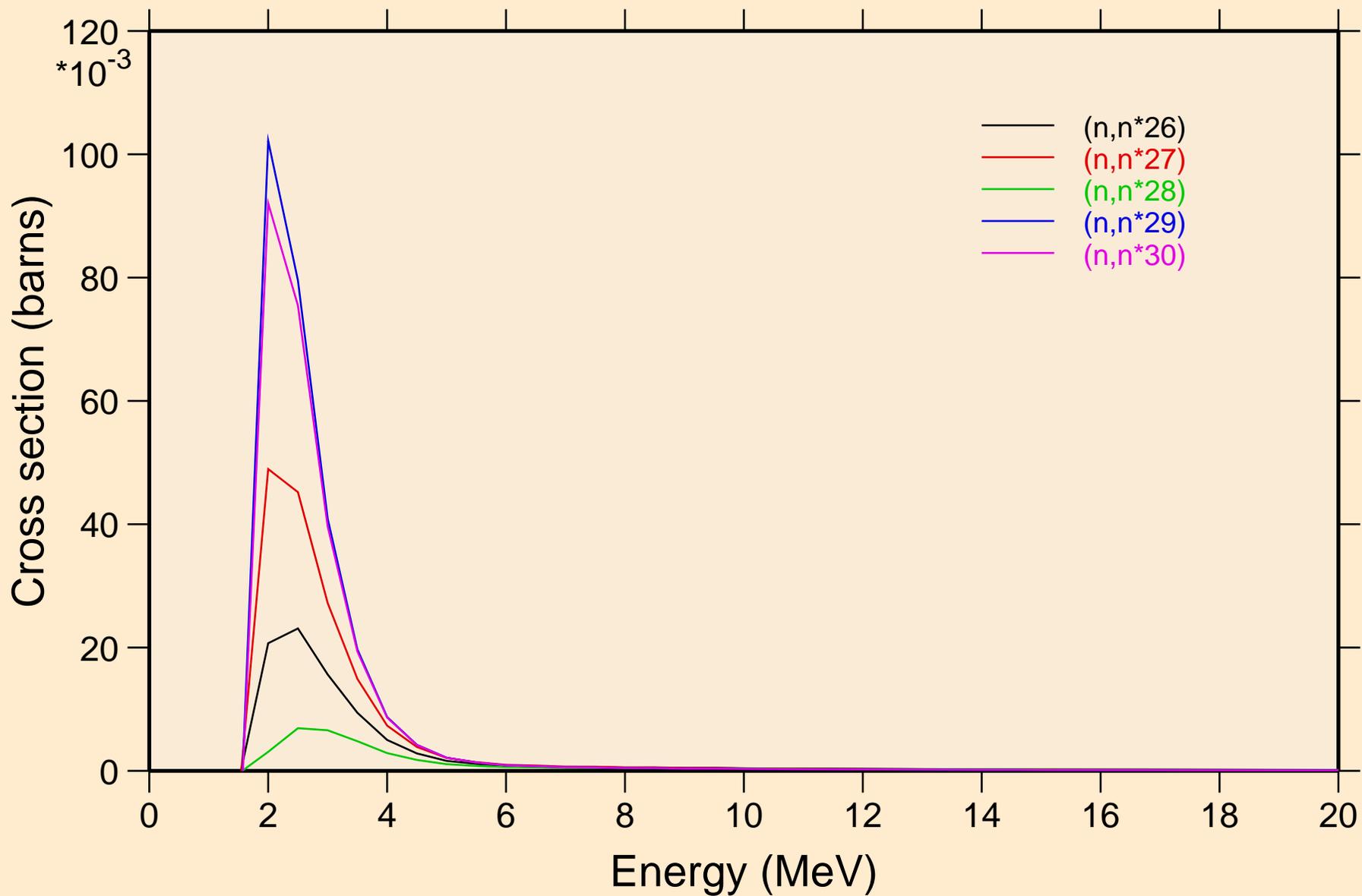
# JENDL-4 HF-178

## Inelastic levels



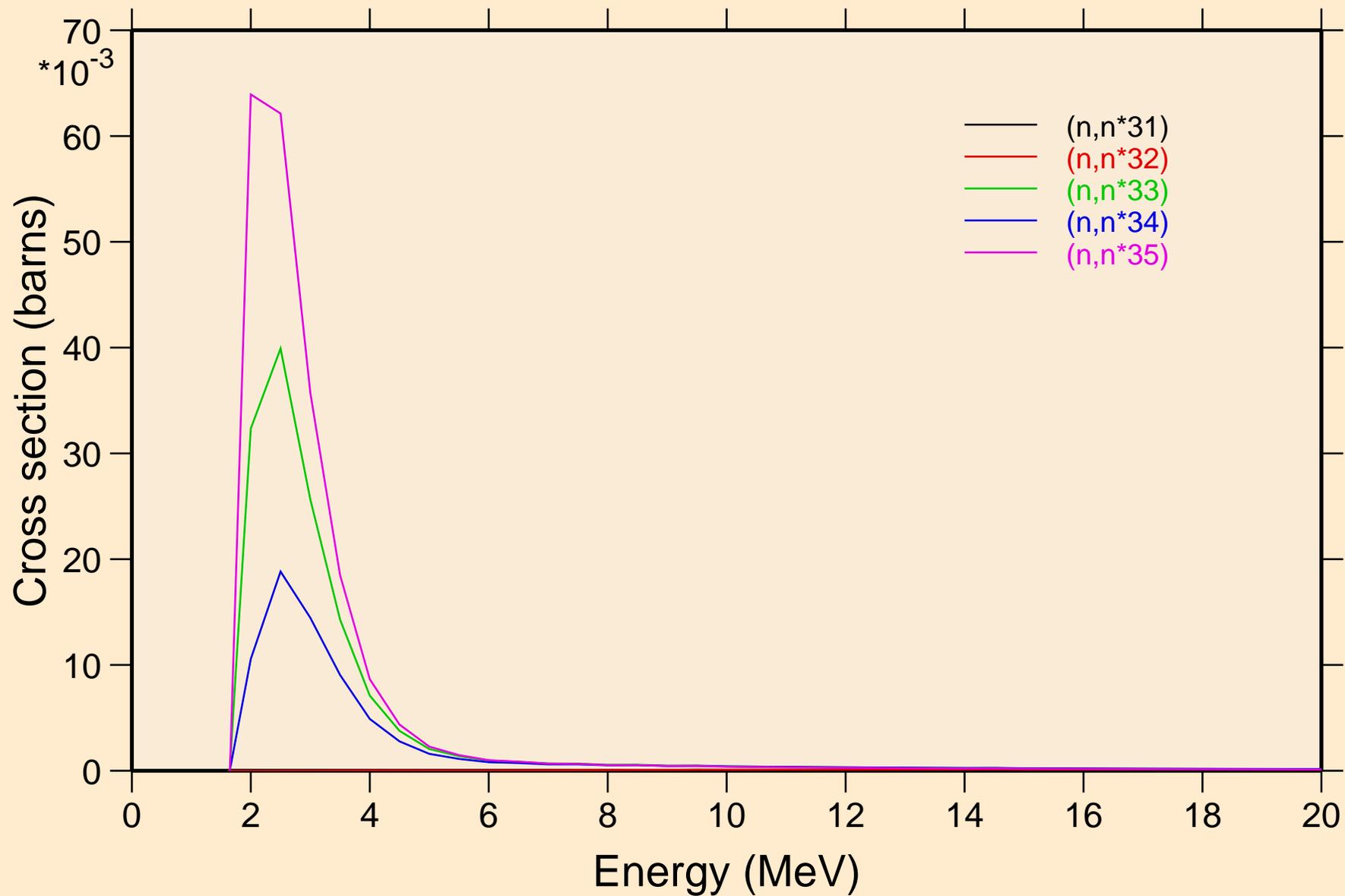
# JENDL-4 HF-178

## Inelastic levels



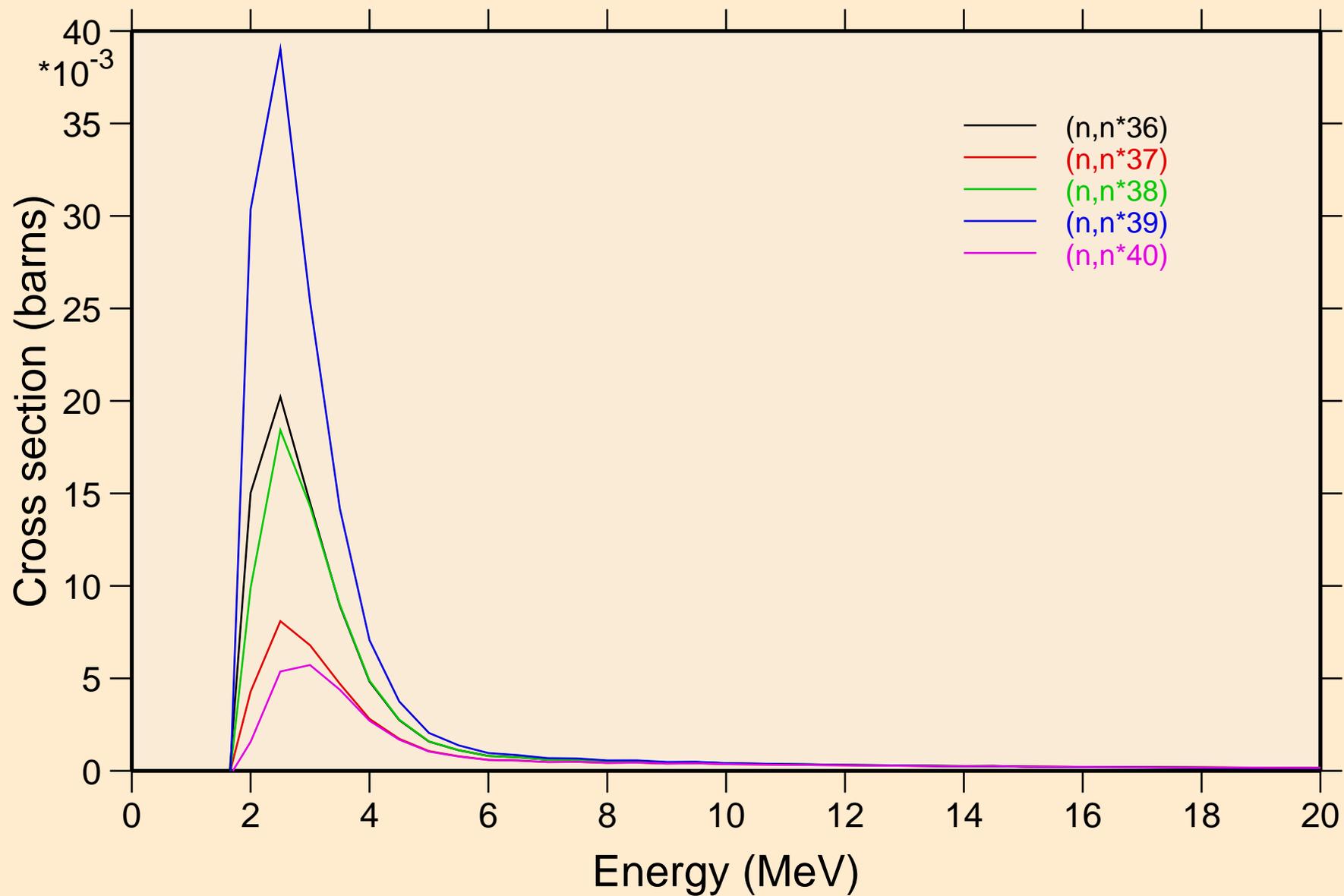
# JENDL-4 HF-178

## Inelastic levels



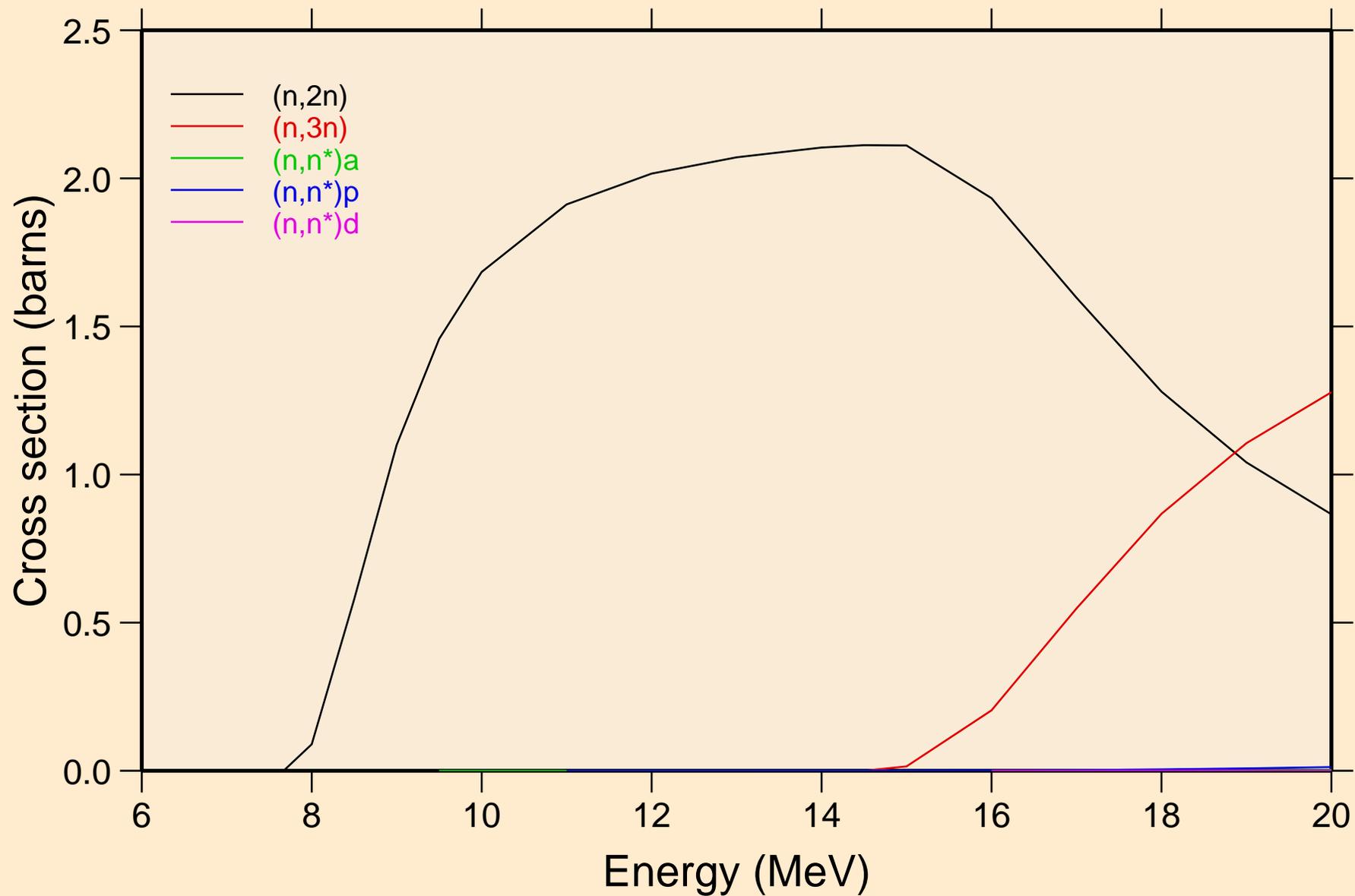
# JENDL-4 HF-178

## Inelastic levels



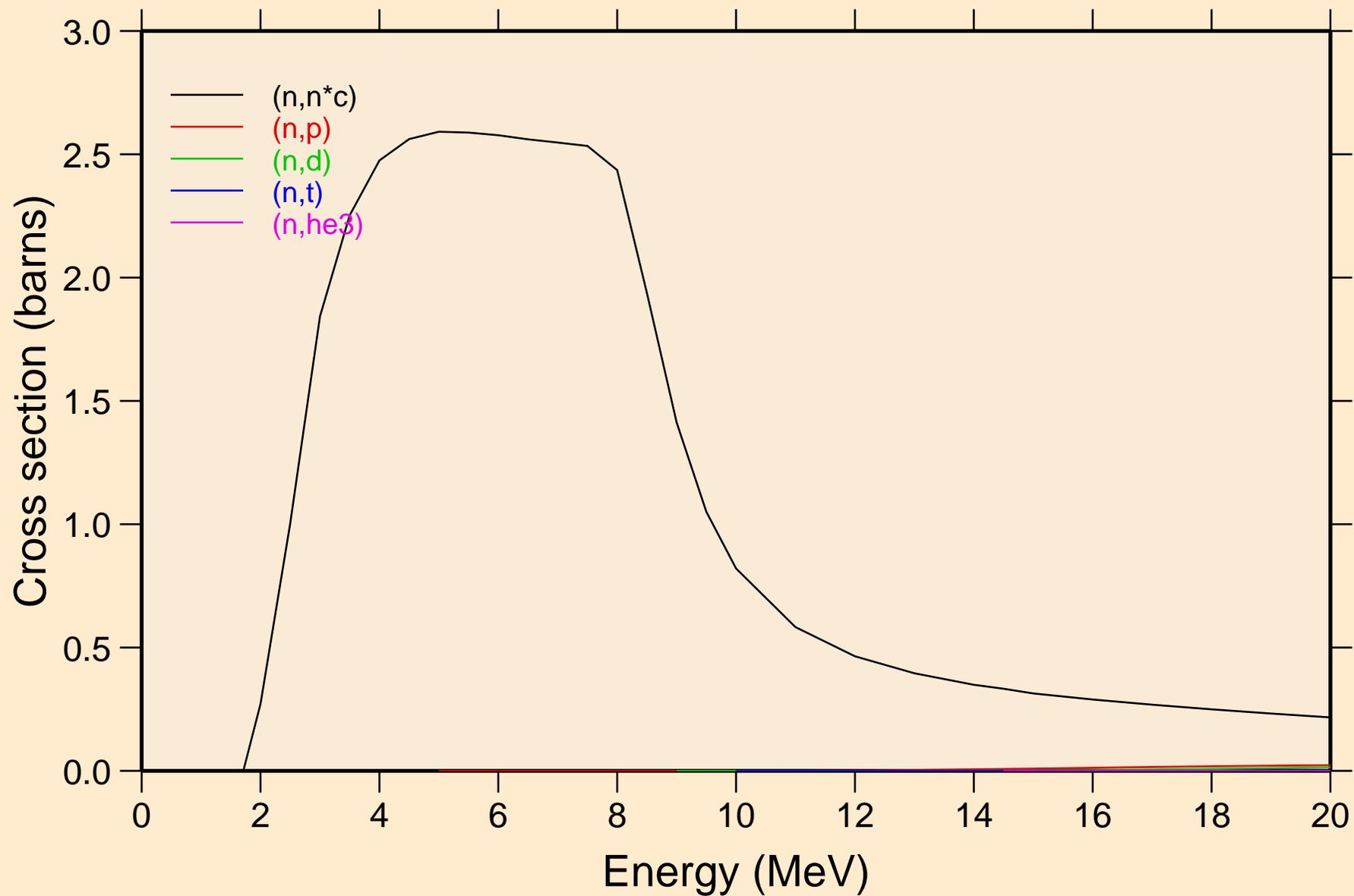
# JENDL-4 HF-178

## Threshold reactions

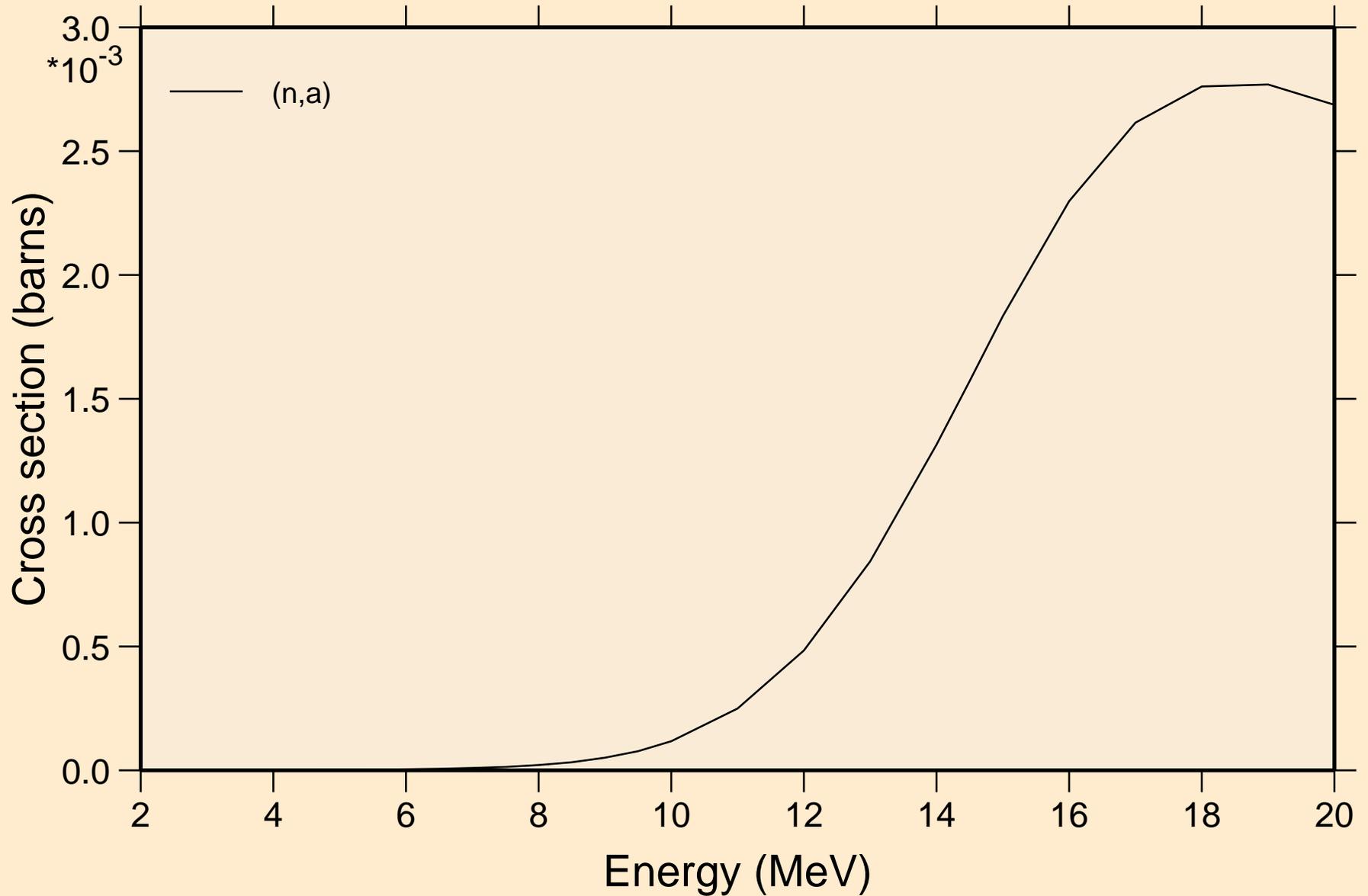


# JENDL-4 HF-178

## Threshold reactions

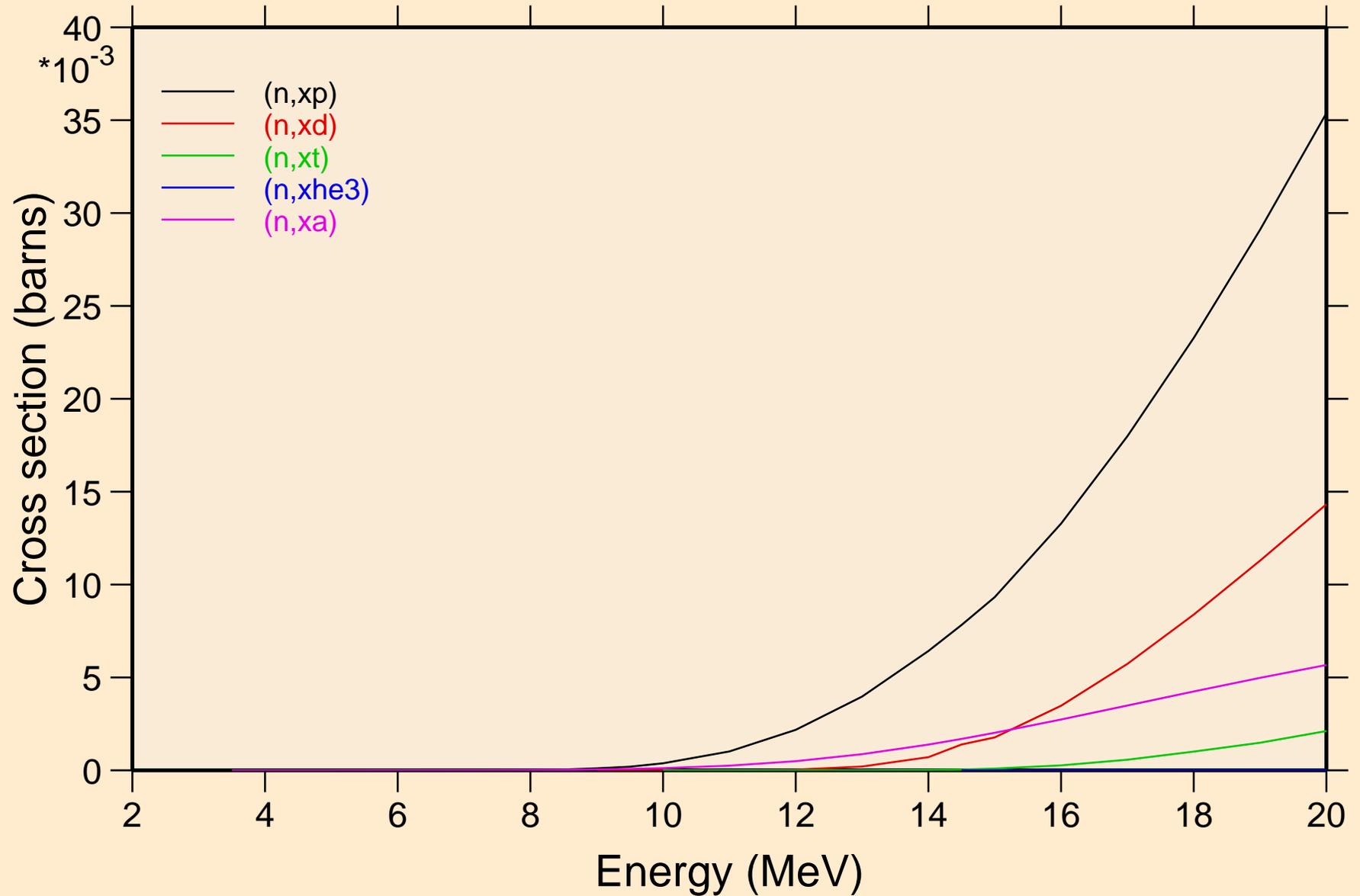


JENDL-4 HF-178  
Threshold reactions

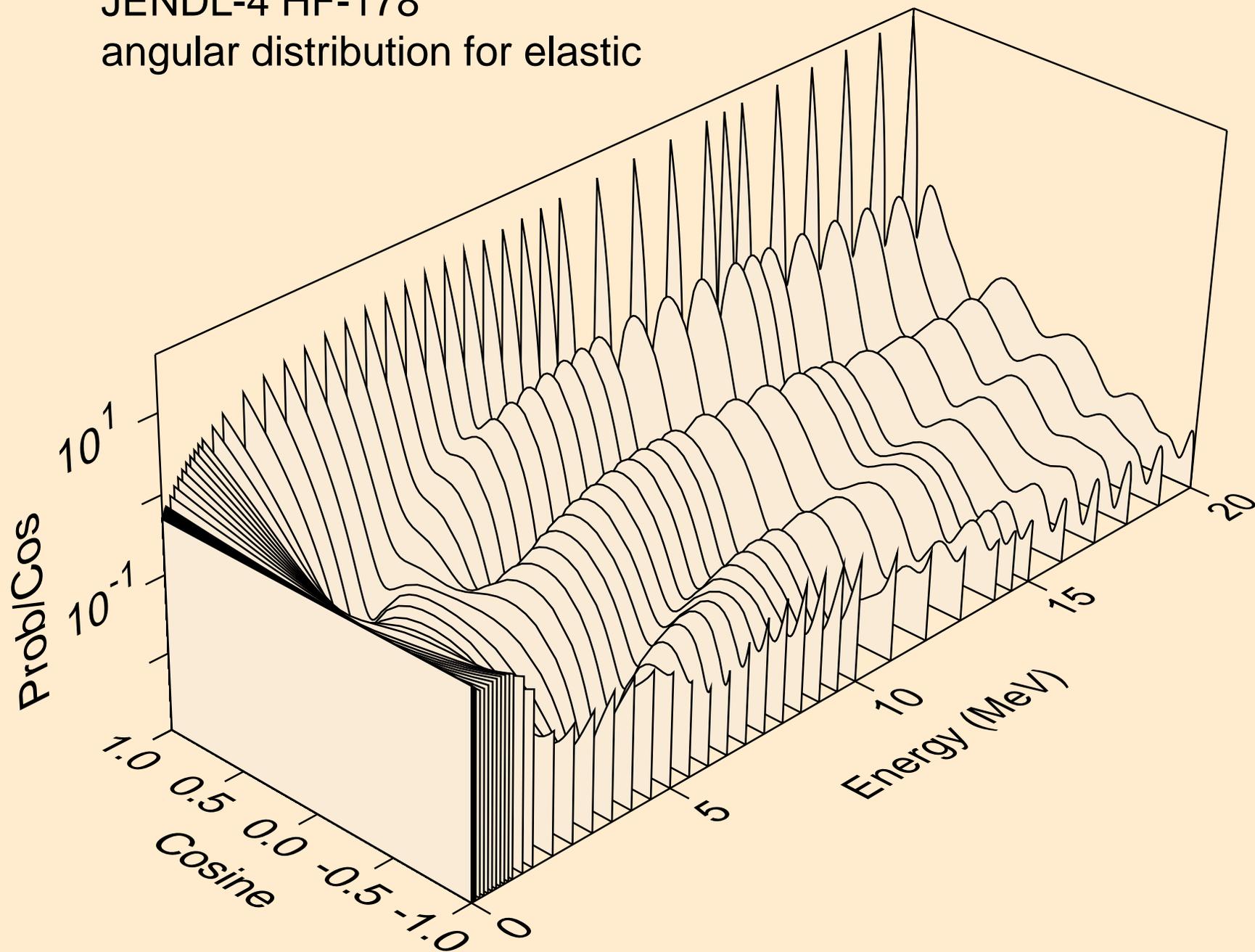


# JENDL-4 HF-178

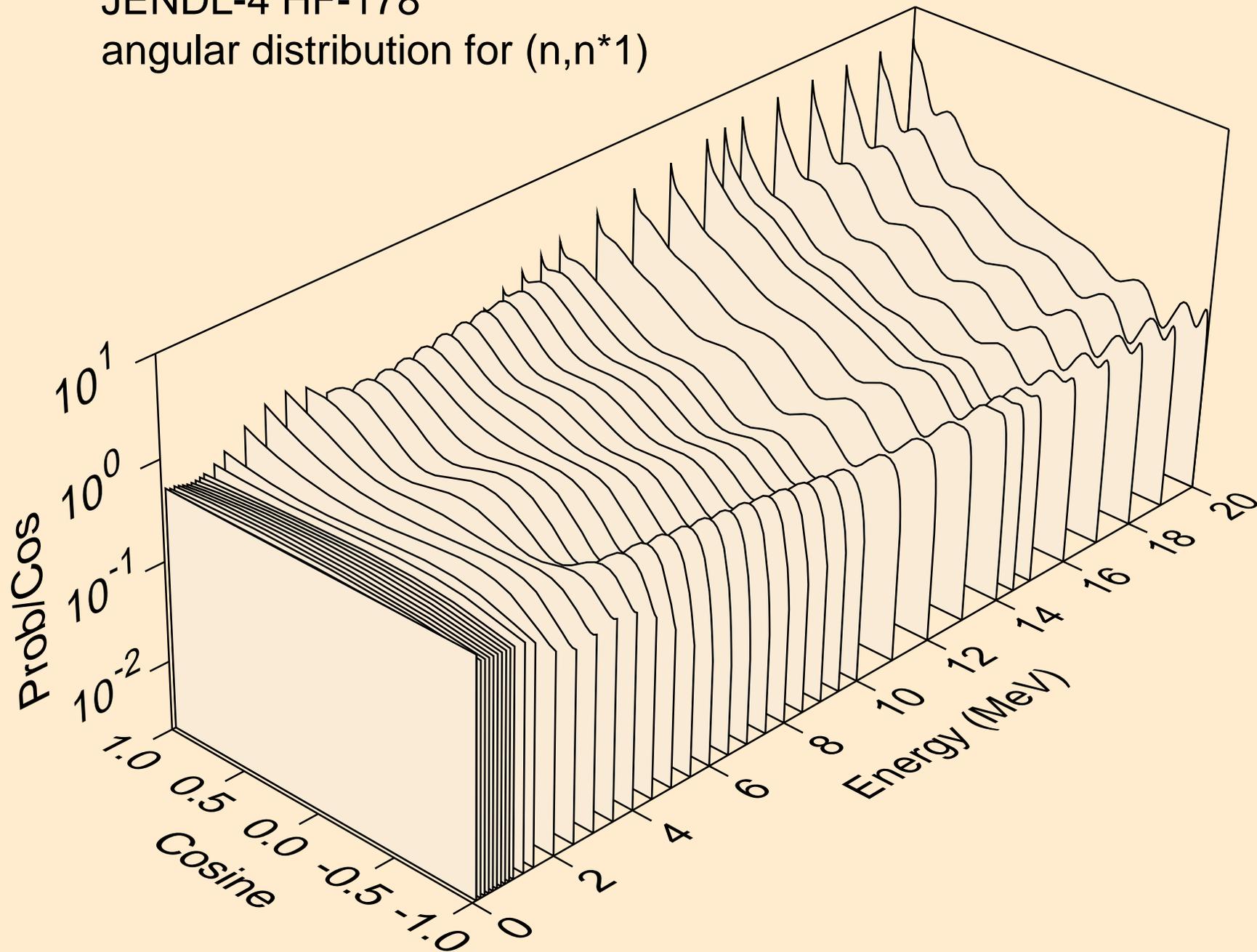
## Threshold reactions



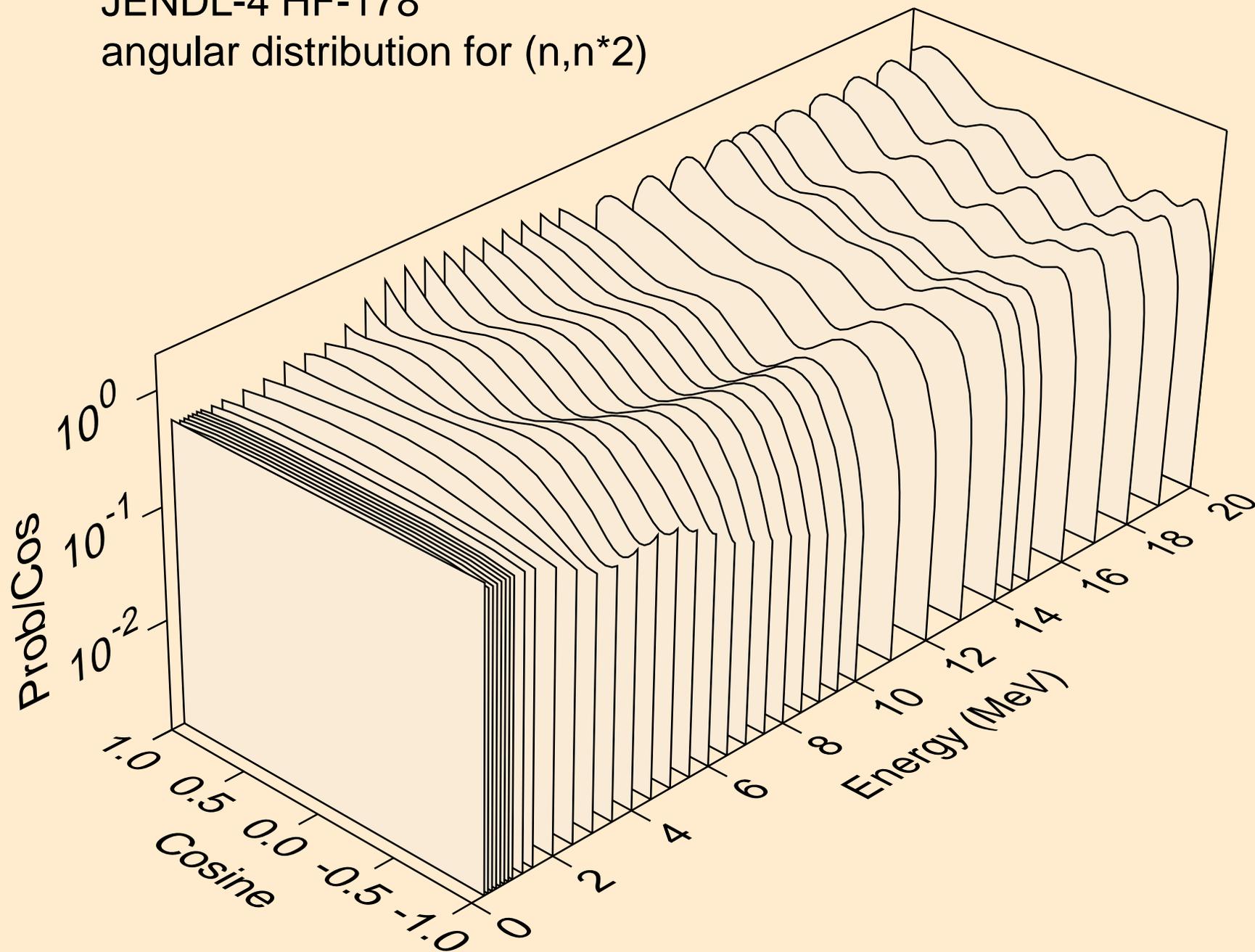
JENDL-4 HF-178  
angular distribution for elastic



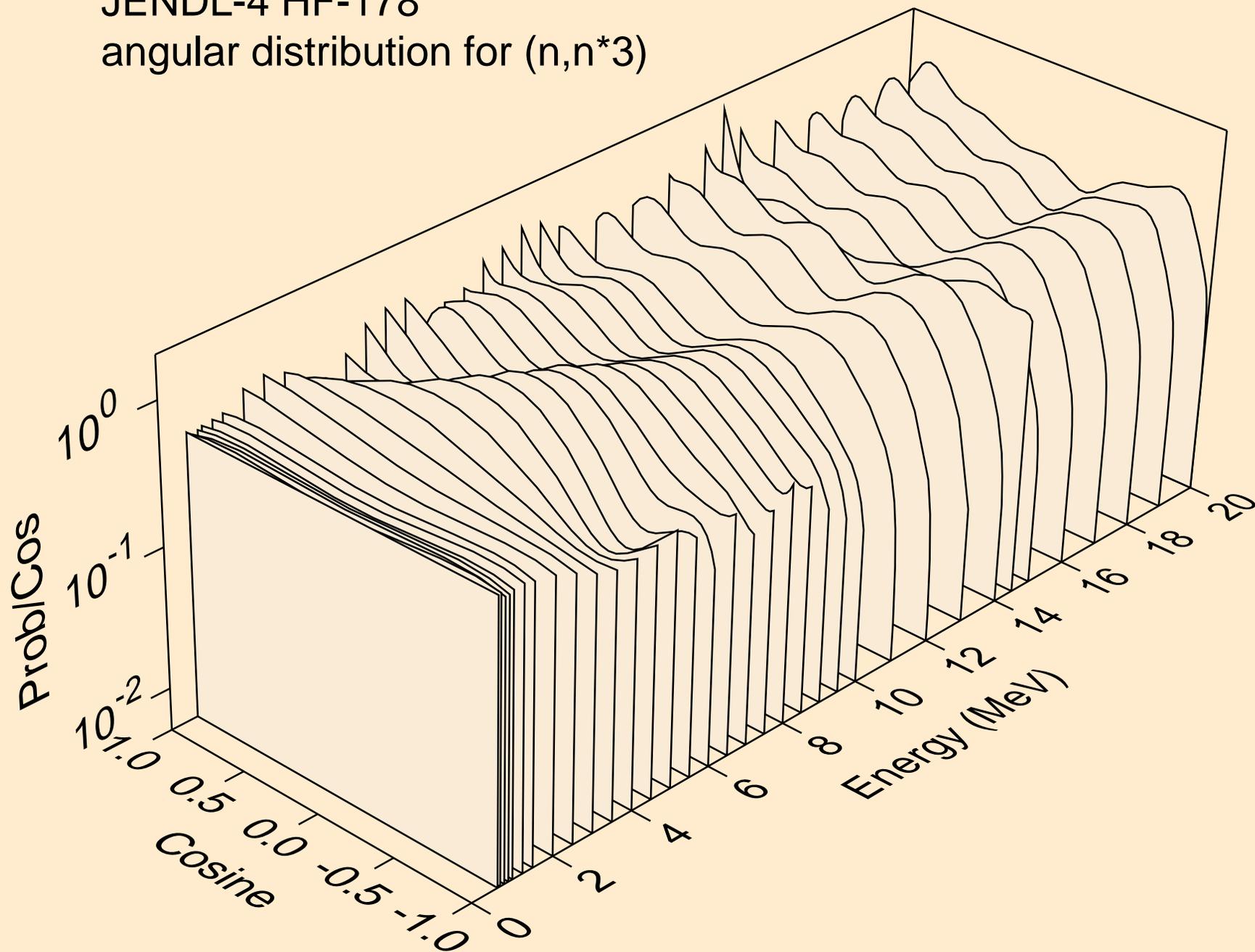
JENDL-4 HF-178  
angular distribution for (n,n\*1)



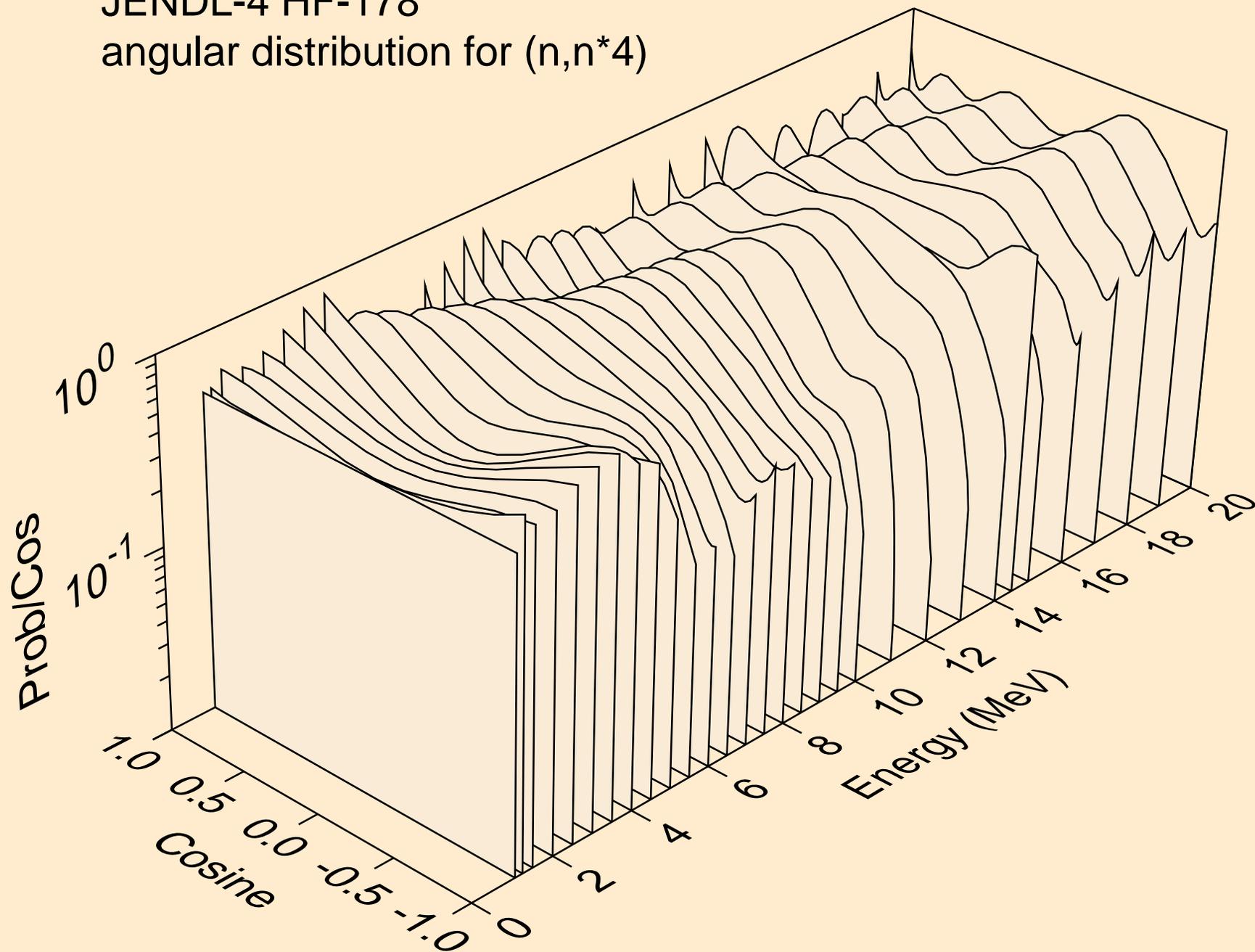
JENDL-4 HF-178  
angular distribution for (n,n\*2)



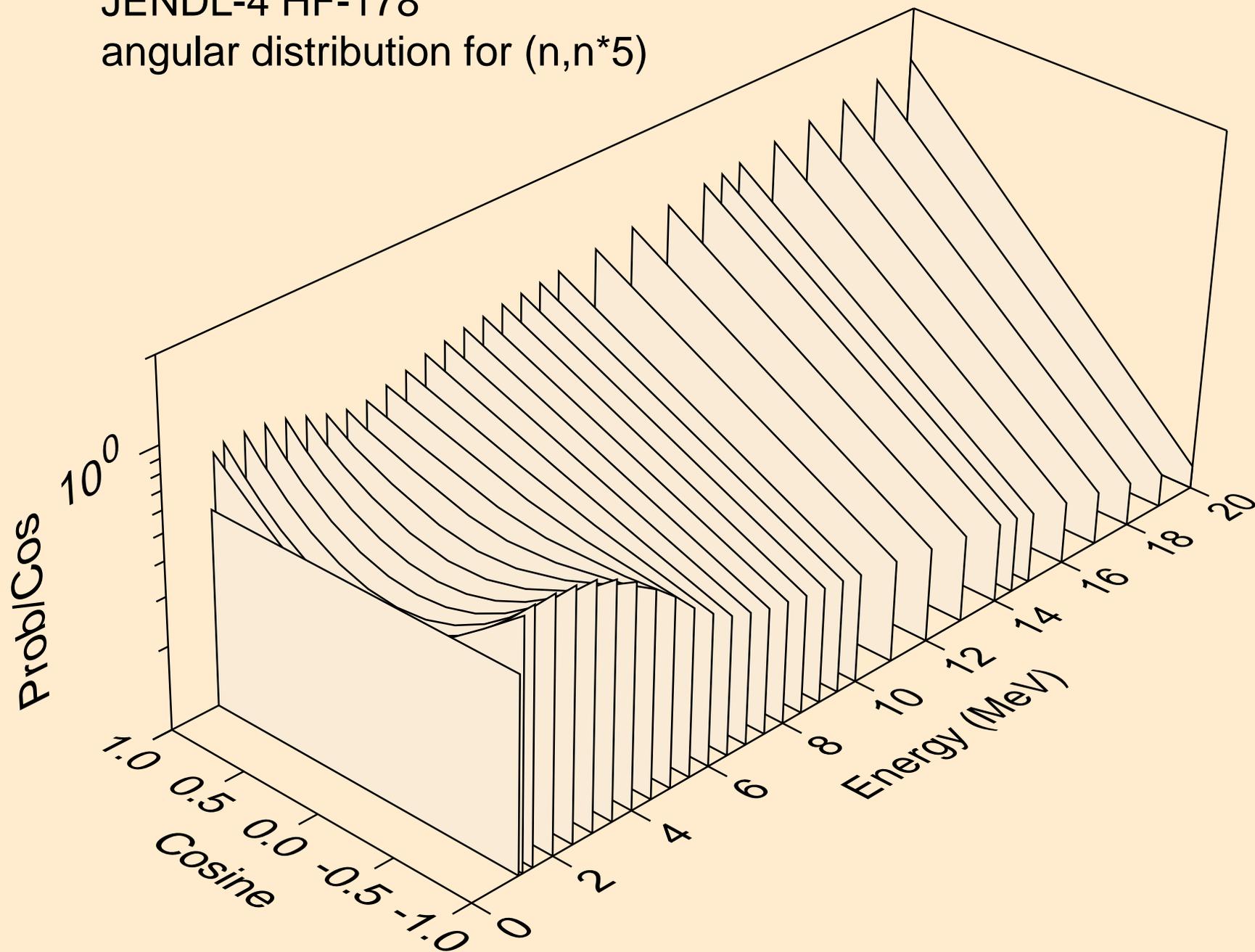
JENDL-4 HF-178  
angular distribution for (n,n\*3)



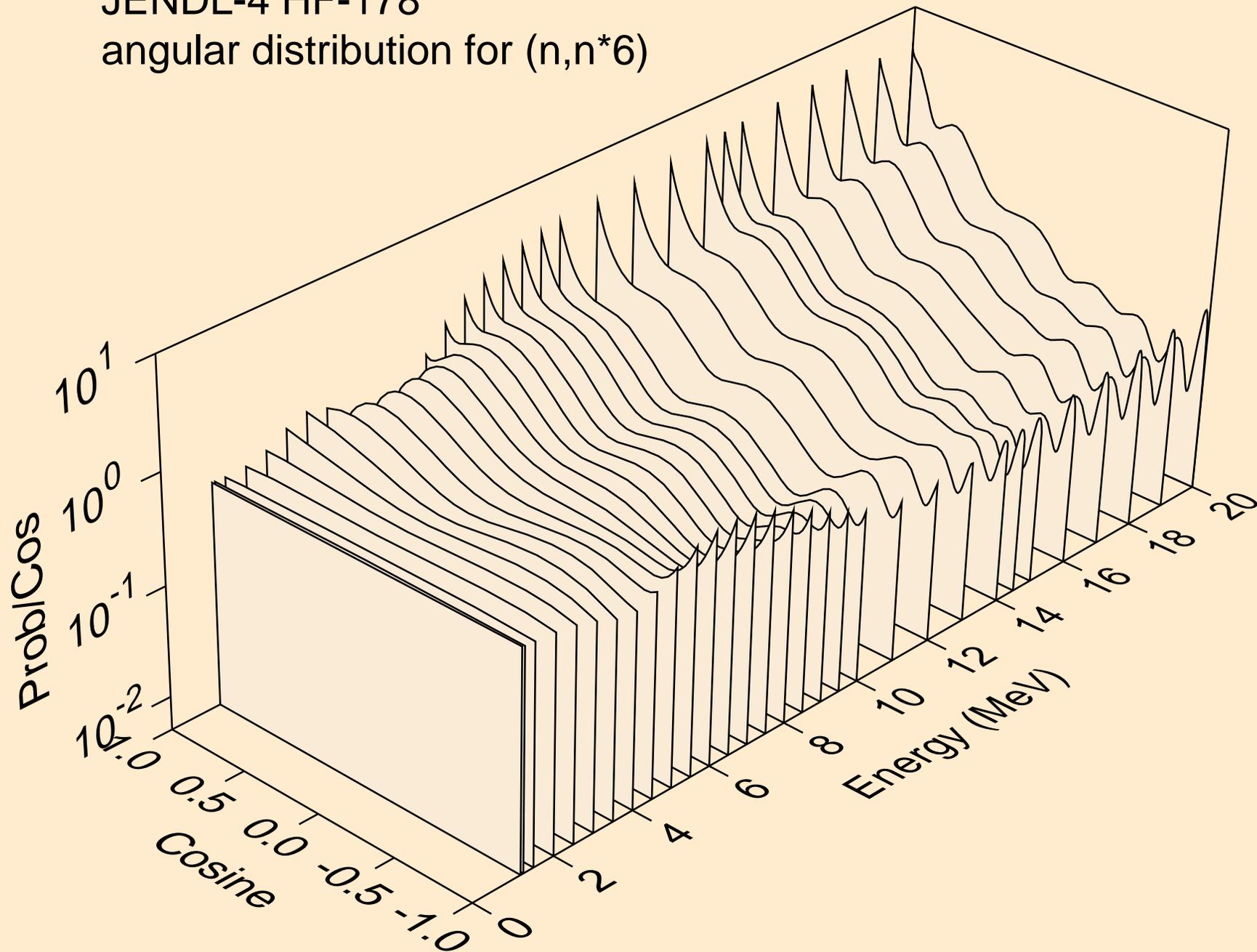
JENDL-4 HF-178  
angular distribution for (n,n\*4)



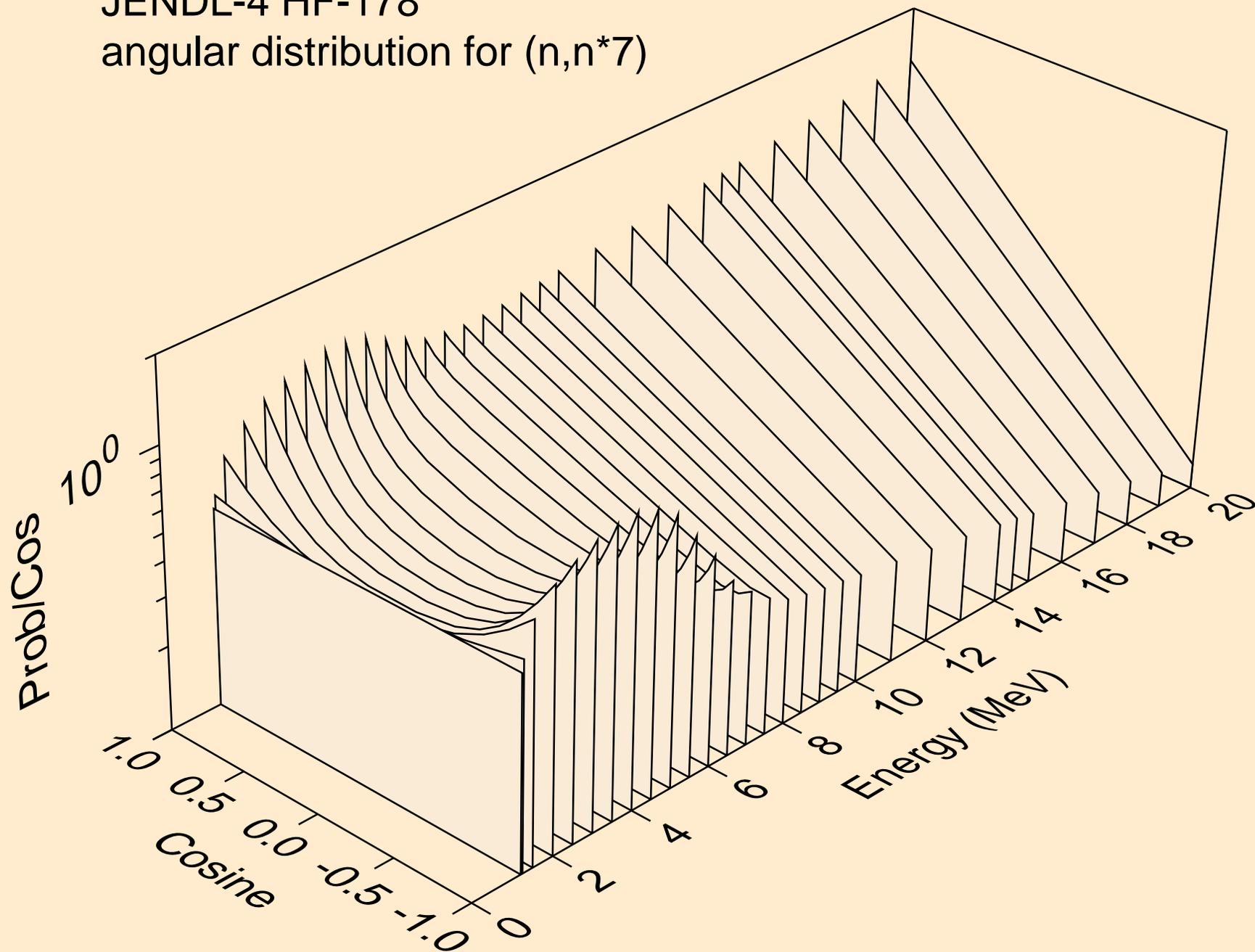
JENDL-4 HF-178  
angular distribution for (n,n\*5)



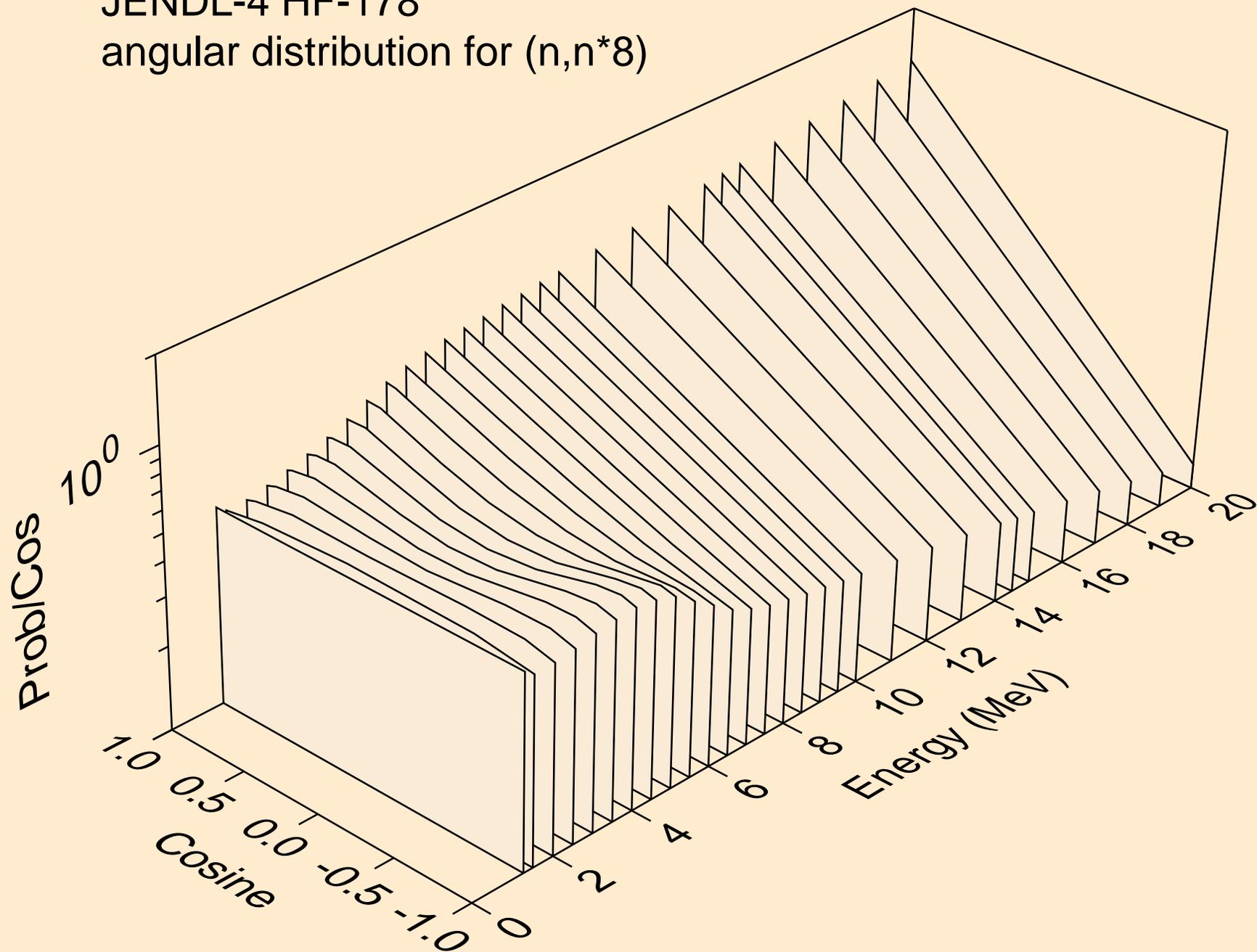
JENDL-4 HF-178  
angular distribution for (n,n\*6)



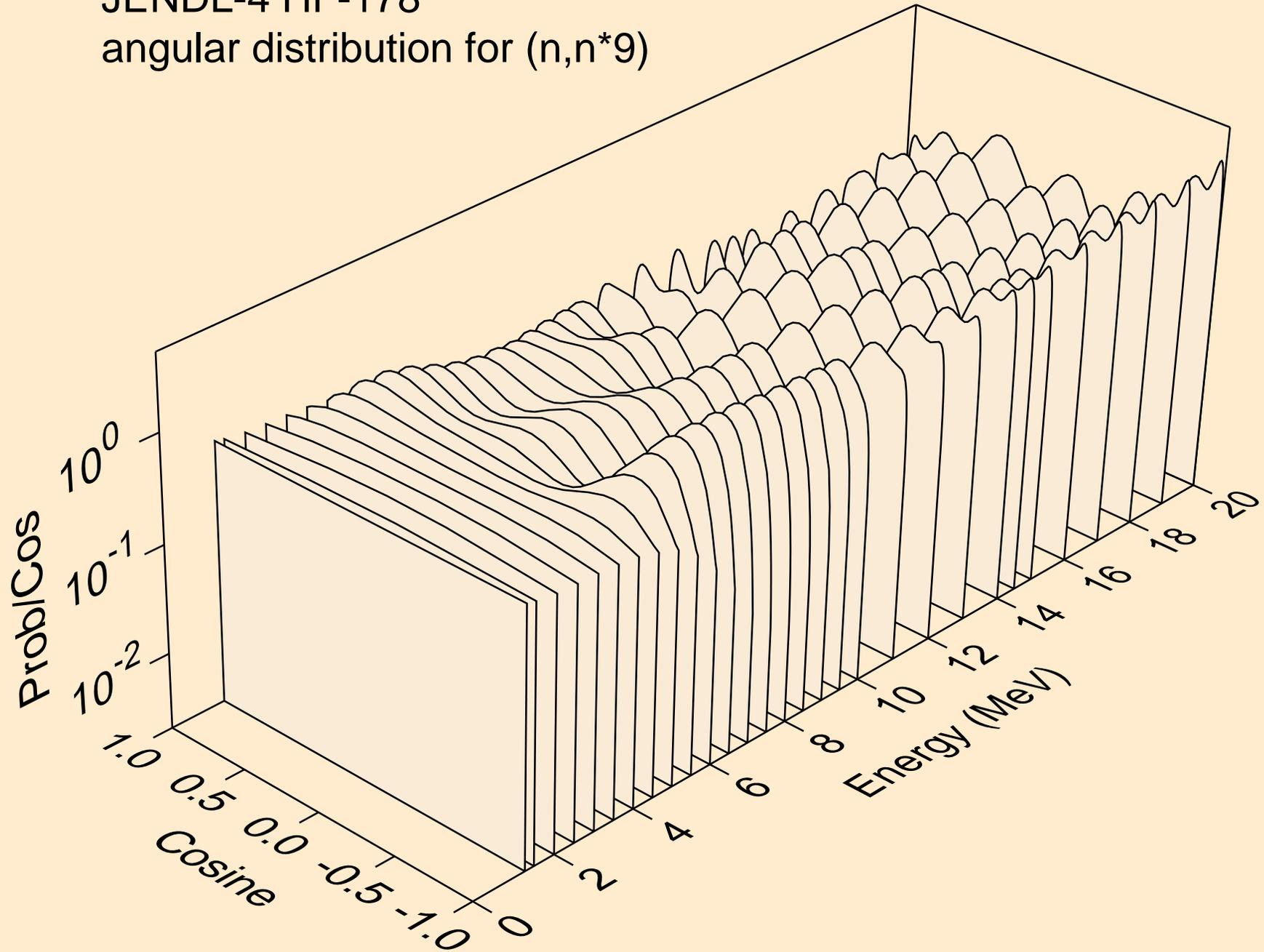
JENDL-4 HF-178  
angular distribution for (n,n\*7)



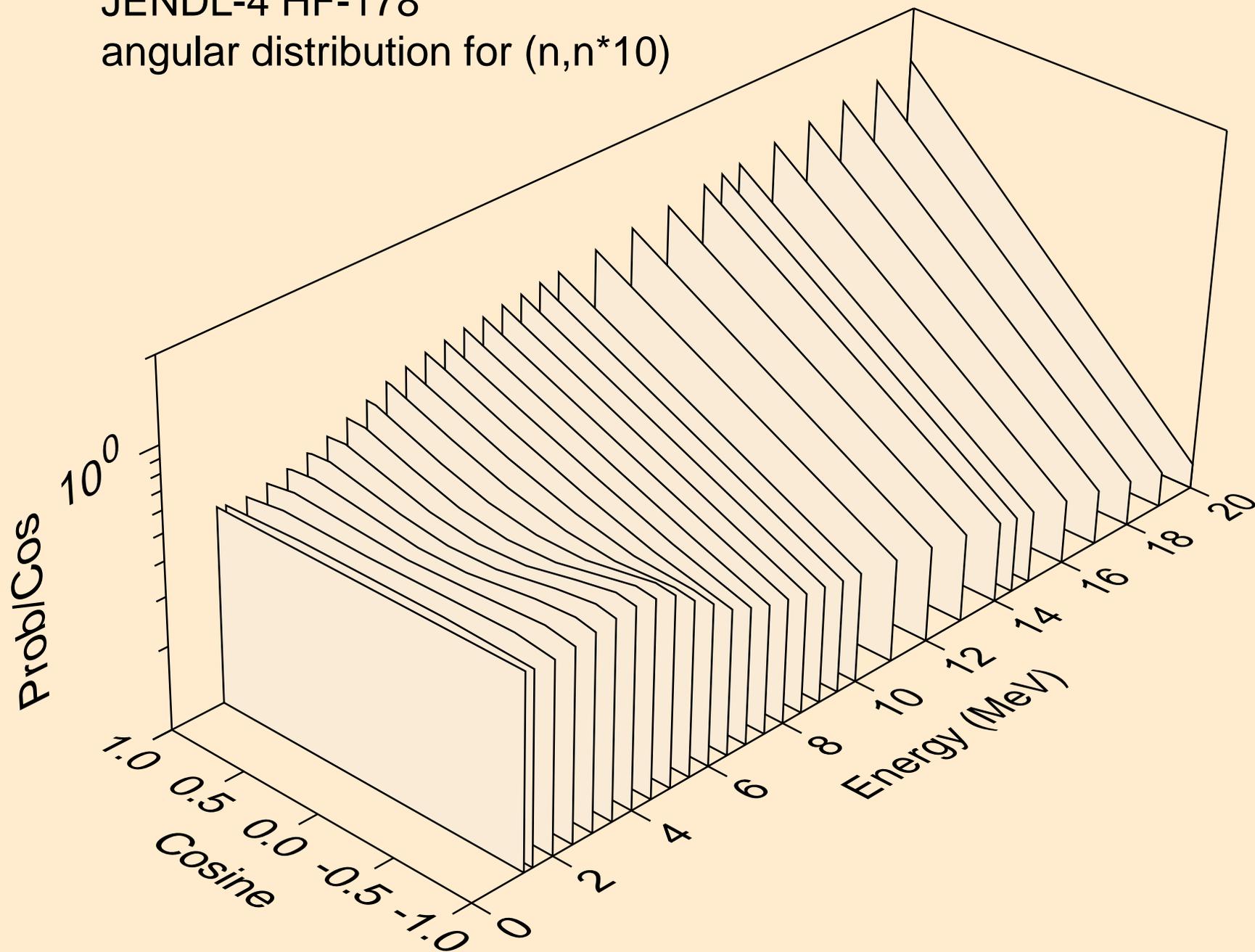
JENDL-4 HF-178  
angular distribution for (n,n\*8)



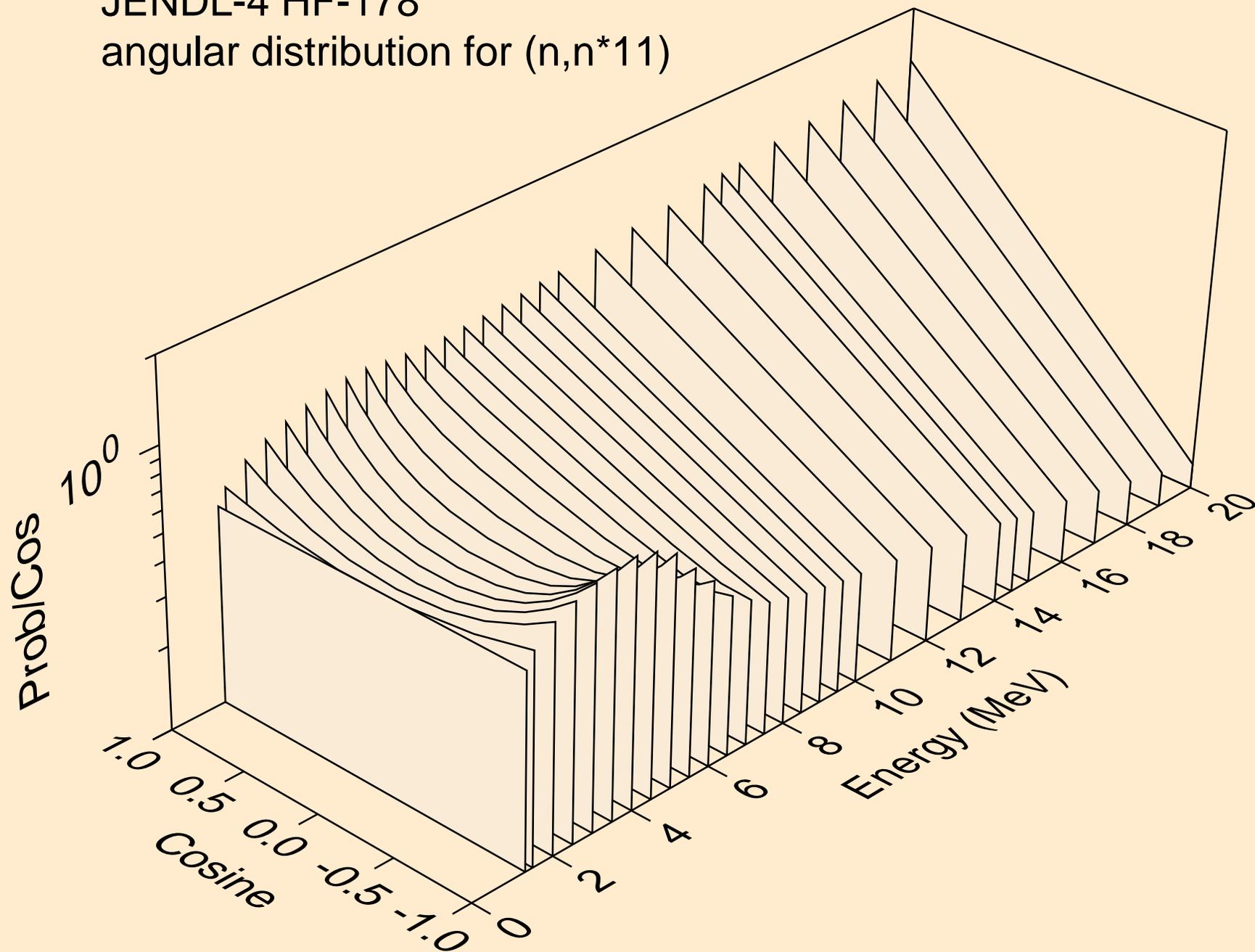
JENDL-4 HF-178  
angular distribution for (n,n\*9)



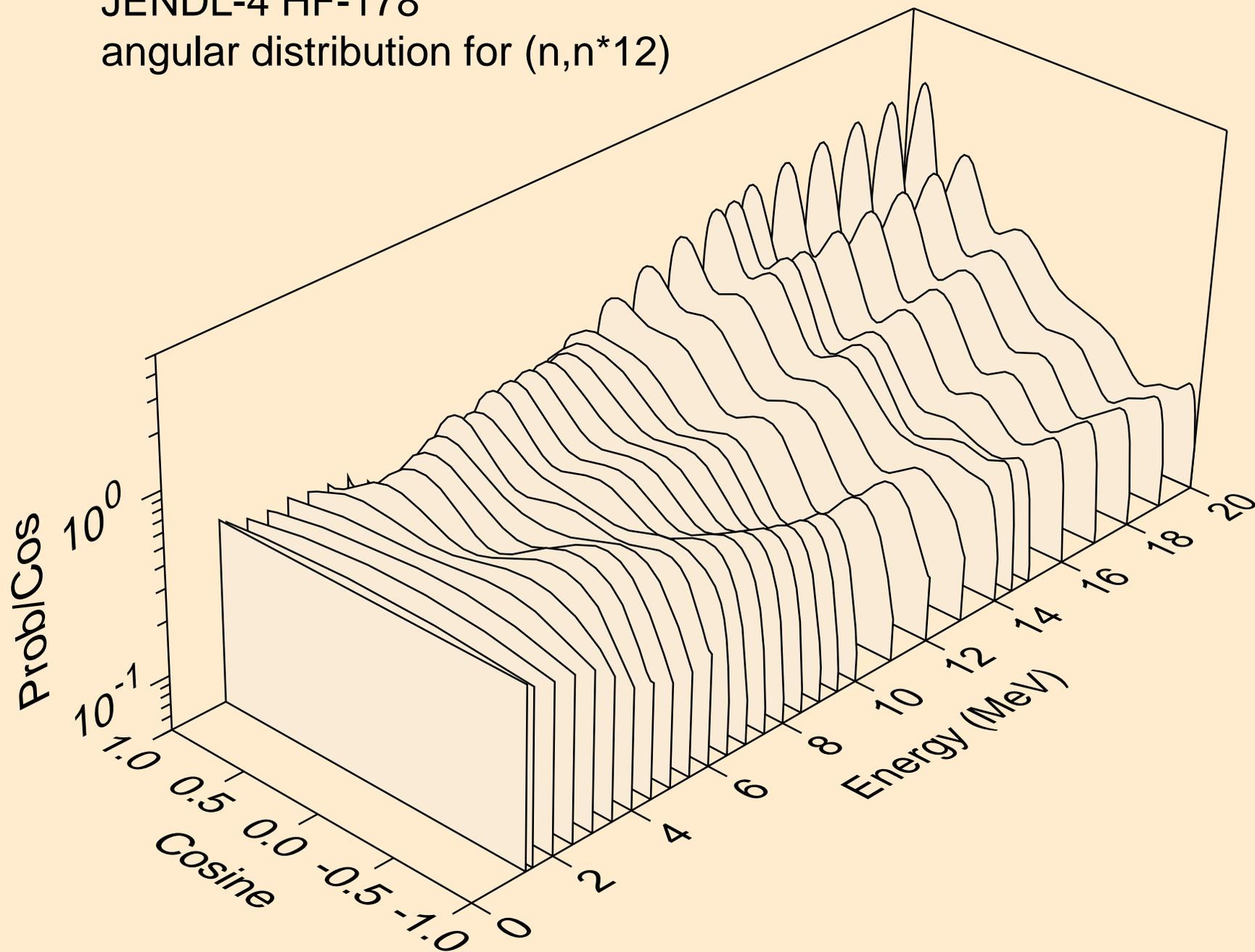
JENDL-4 HF-178  
angular distribution for (n,n\*10)



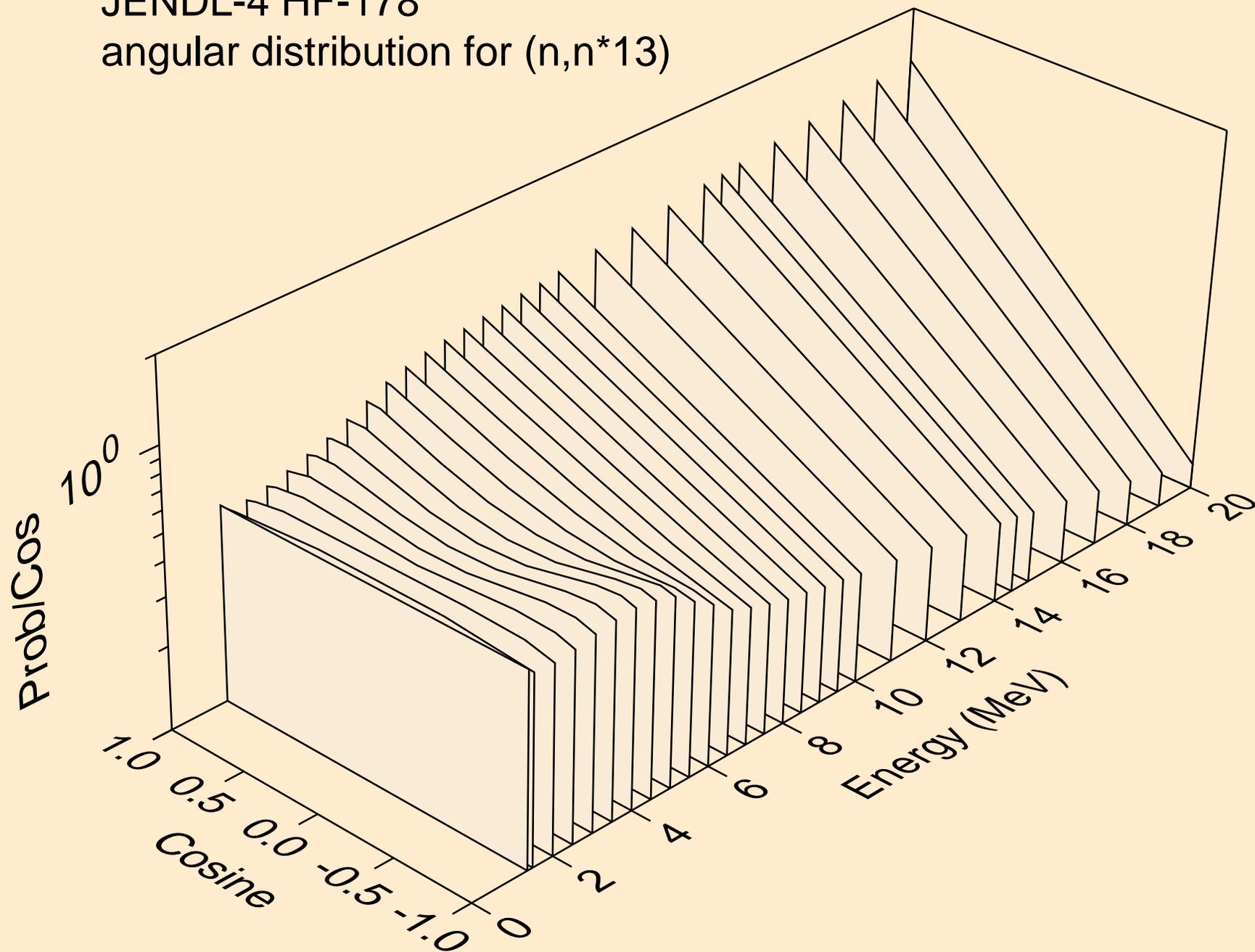
JENDL-4 HF-178  
angular distribution for (n,n\*11)



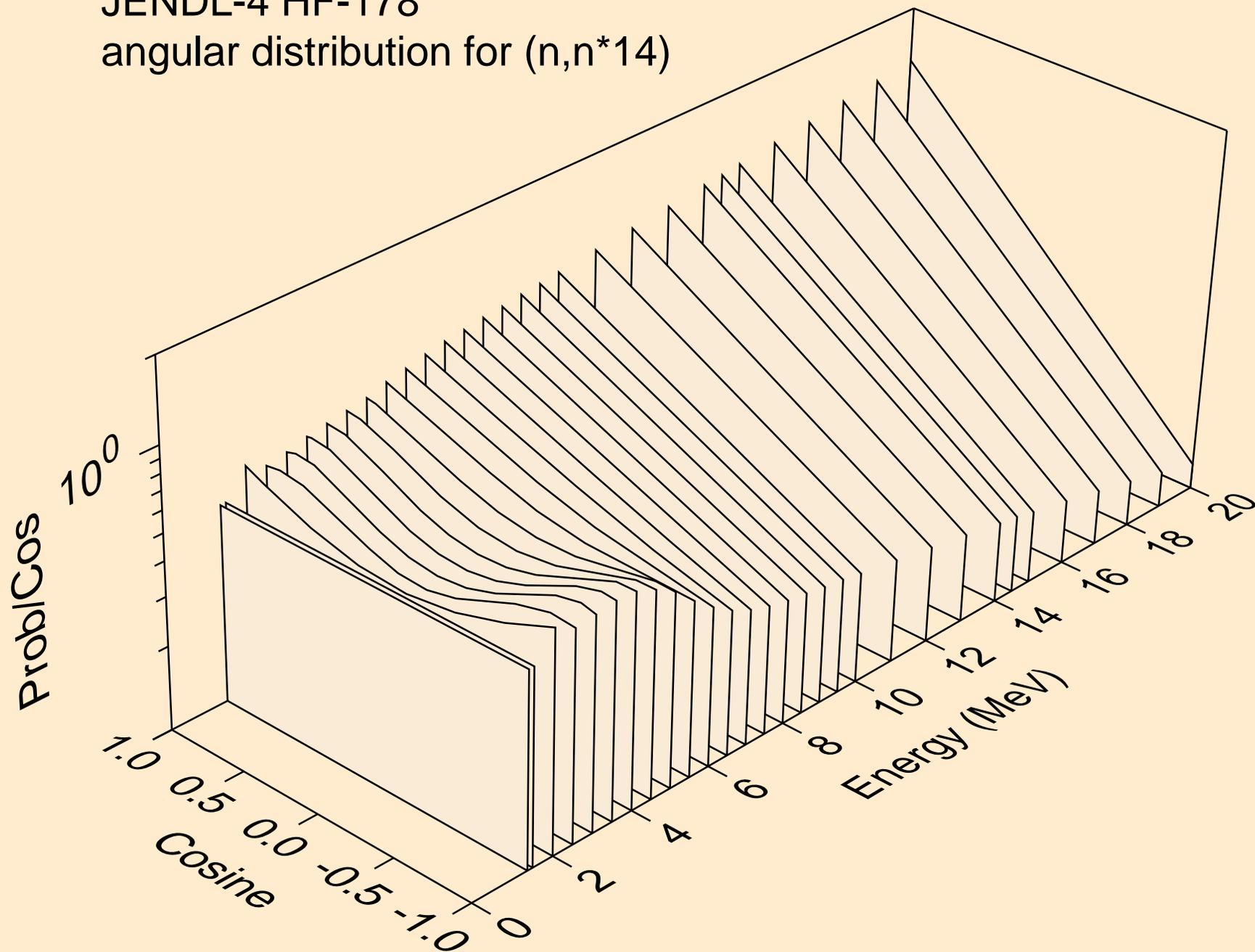
JENDL-4 HF-178  
angular distribution for (n,n\*12)



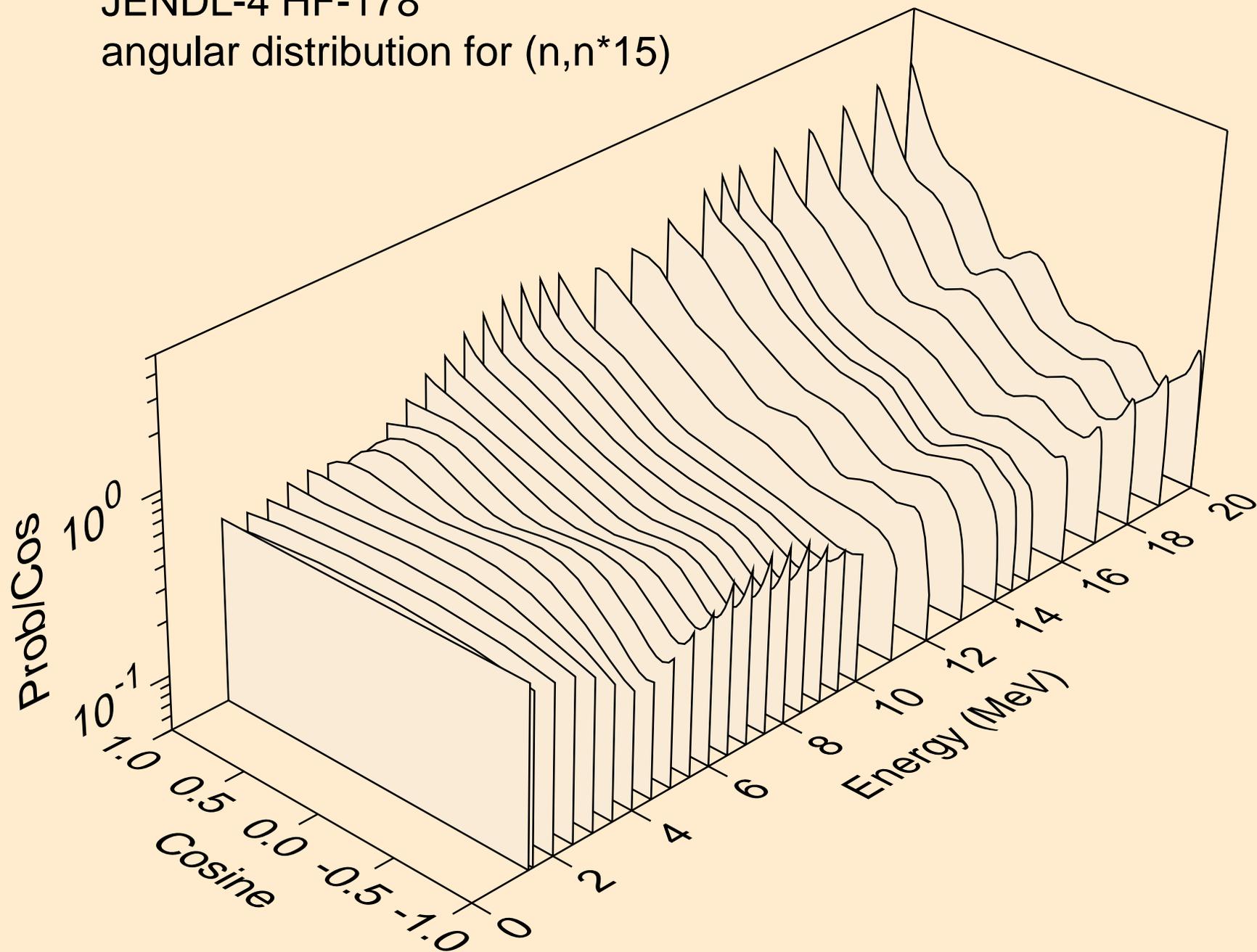
JENDL-4 HF-178  
angular distribution for (n,n\*13)



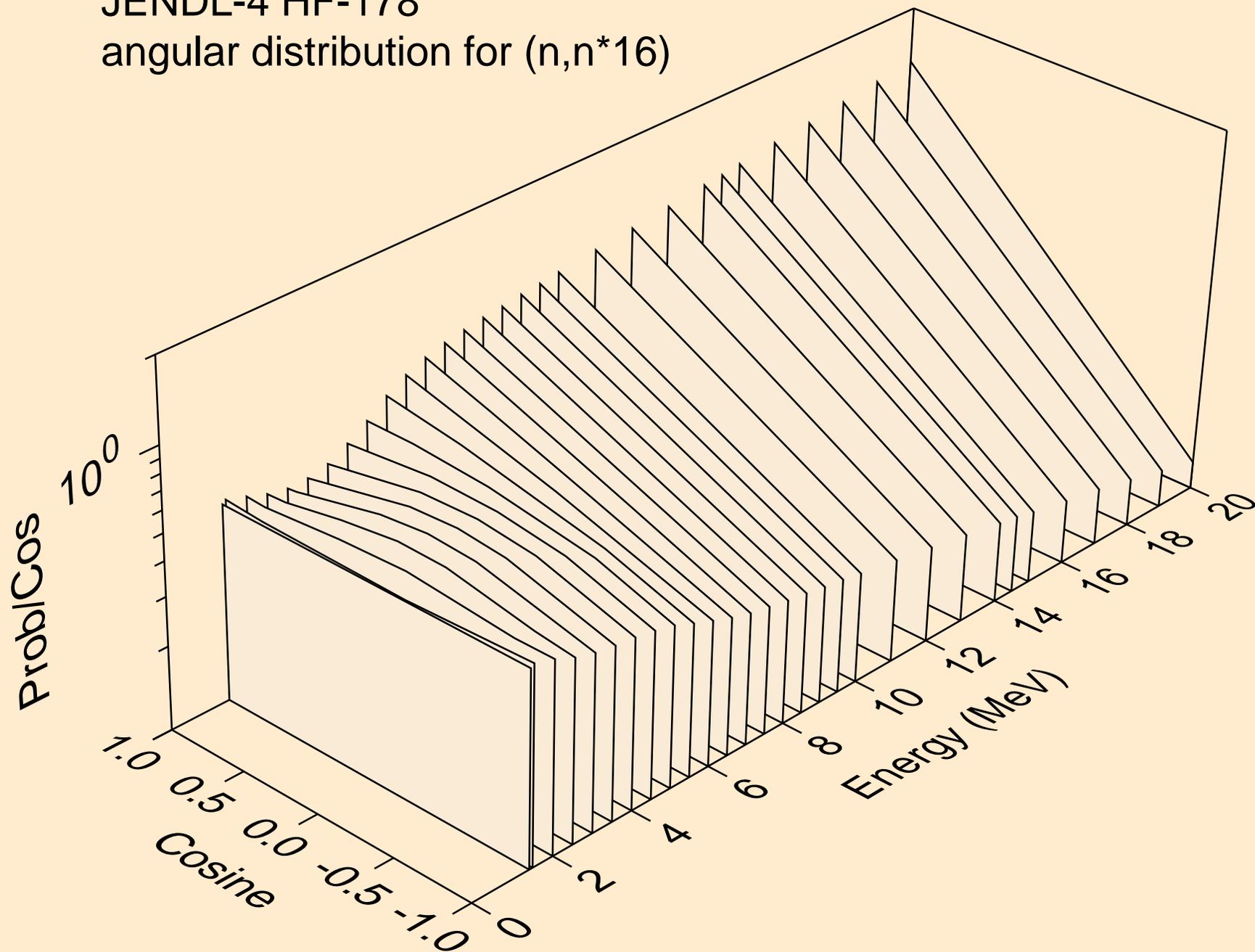
JENDL-4 HF-178  
angular distribution for (n,n\*14)



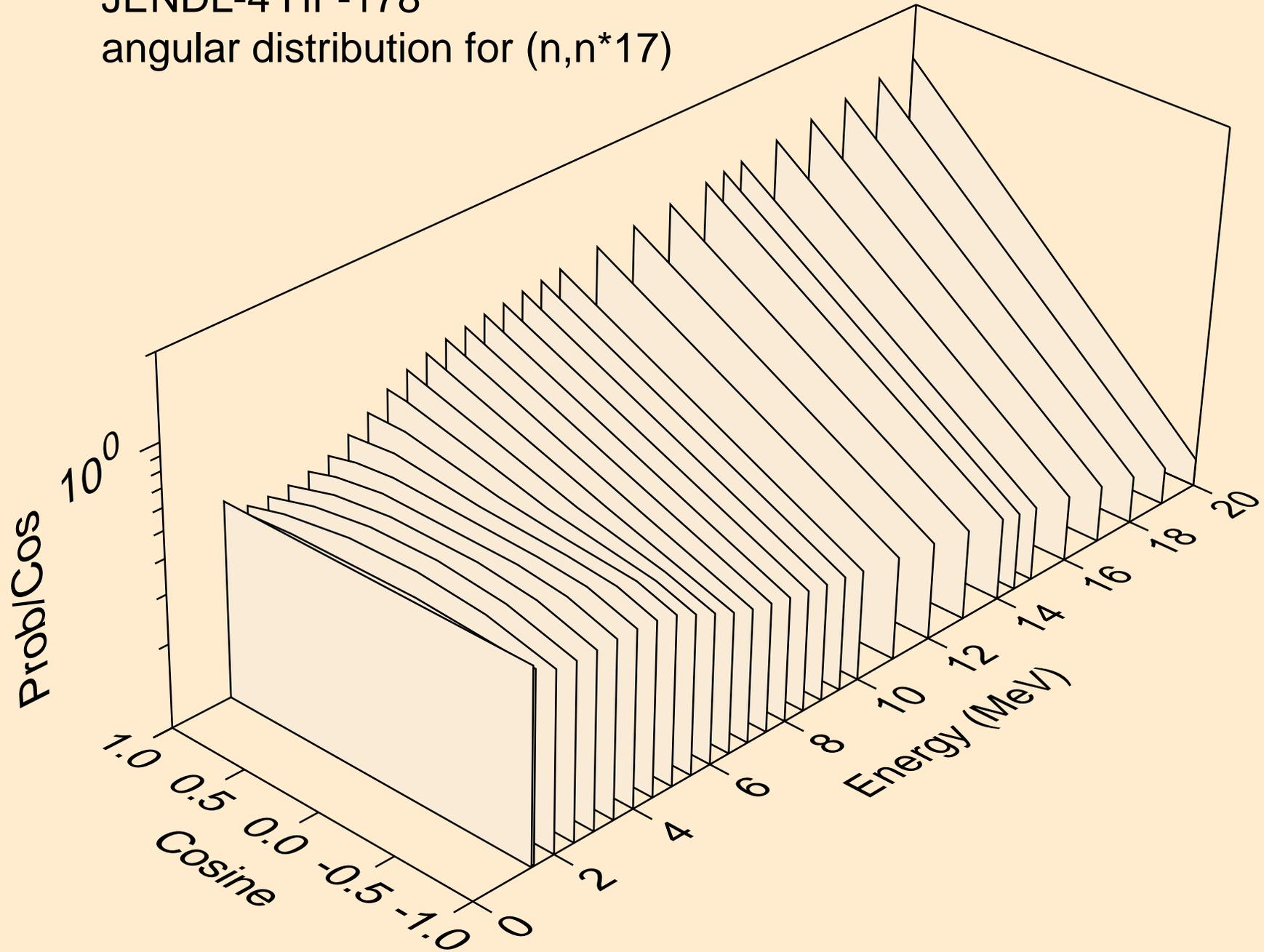
JENDL-4 HF-178  
angular distribution for (n,n\*15)



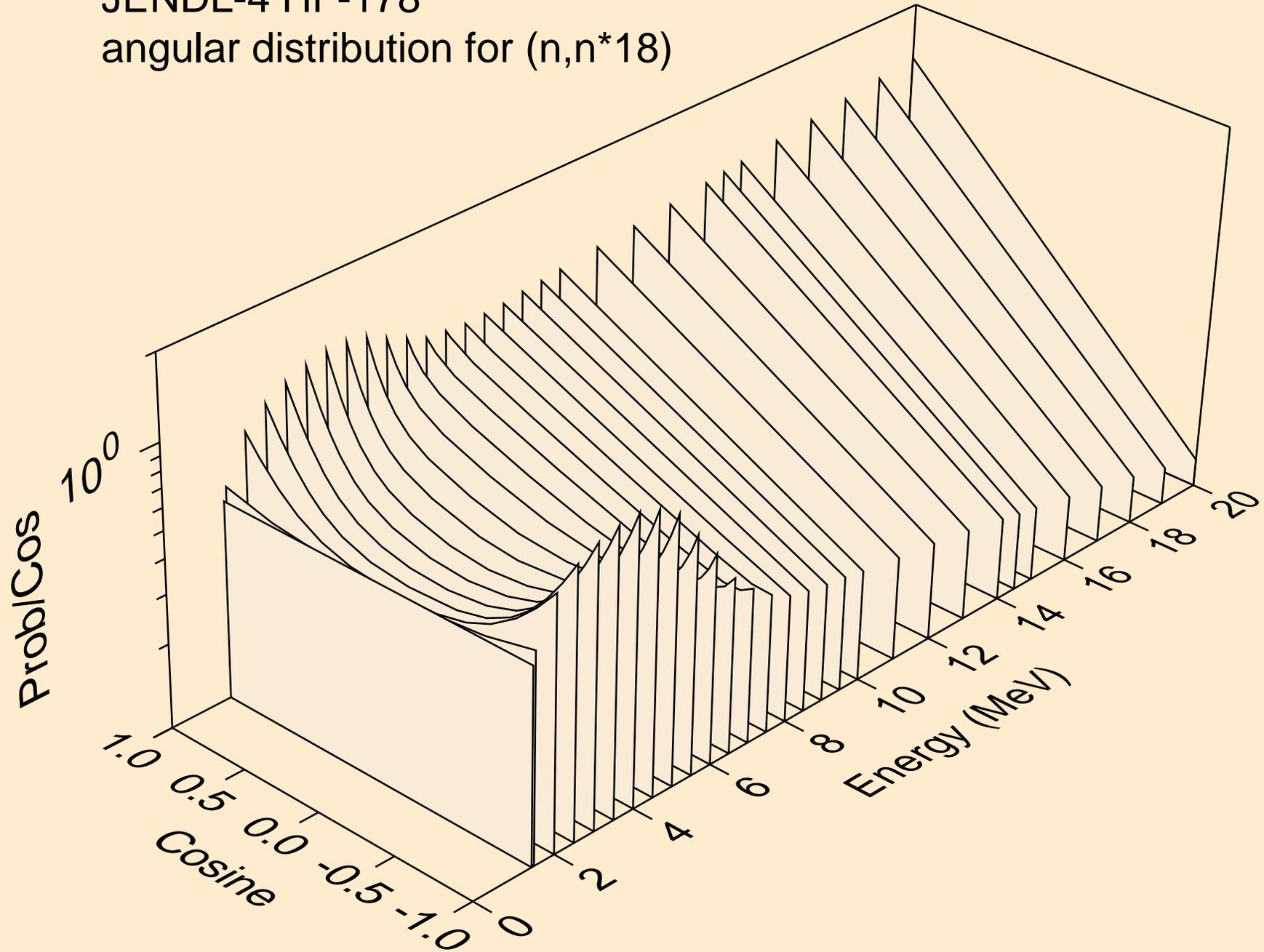
JENDL-4 HF-178  
angular distribution for (n,n\*16)



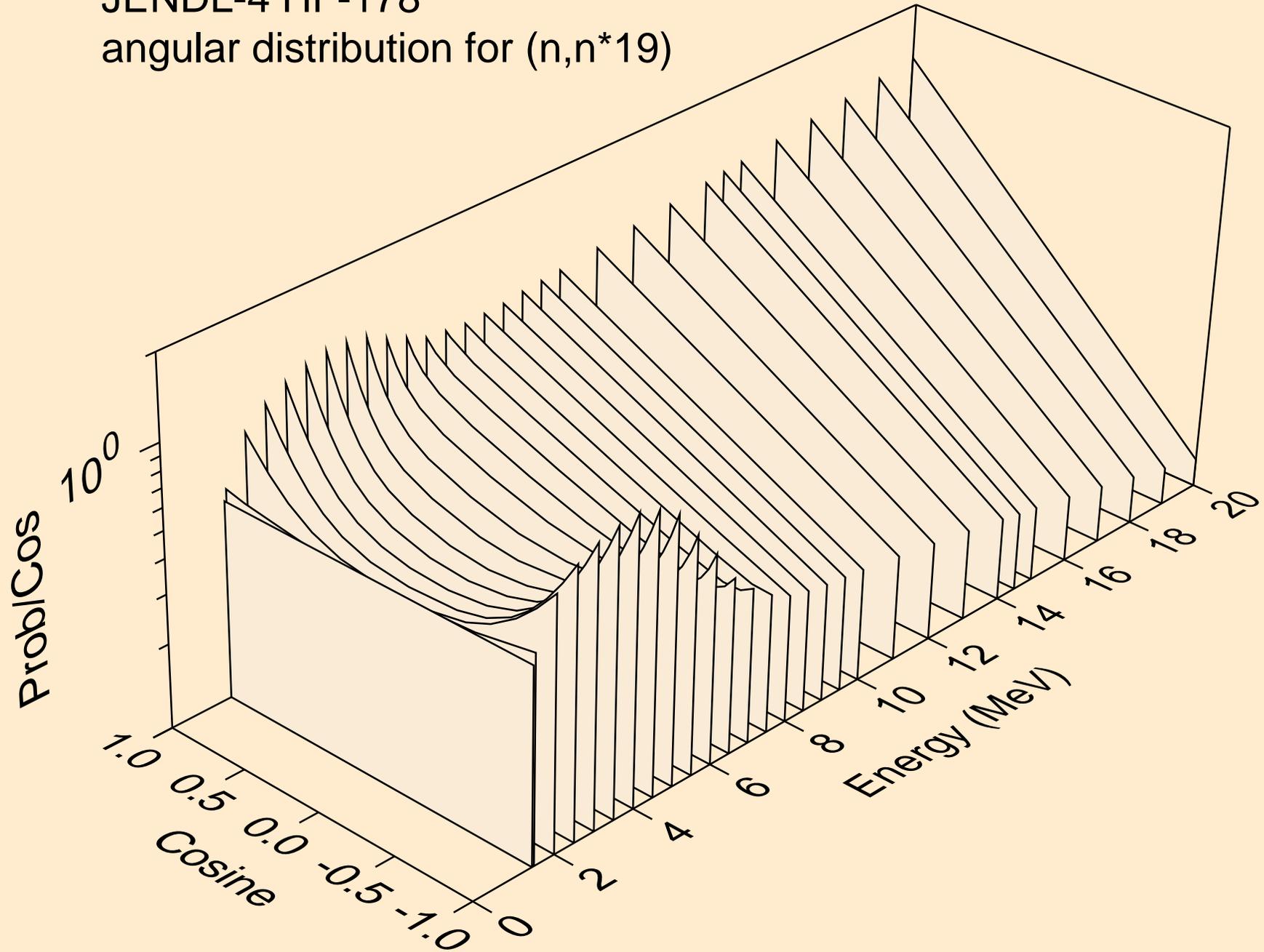
JENDL-4 HF-178  
angular distribution for (n,n\*17)



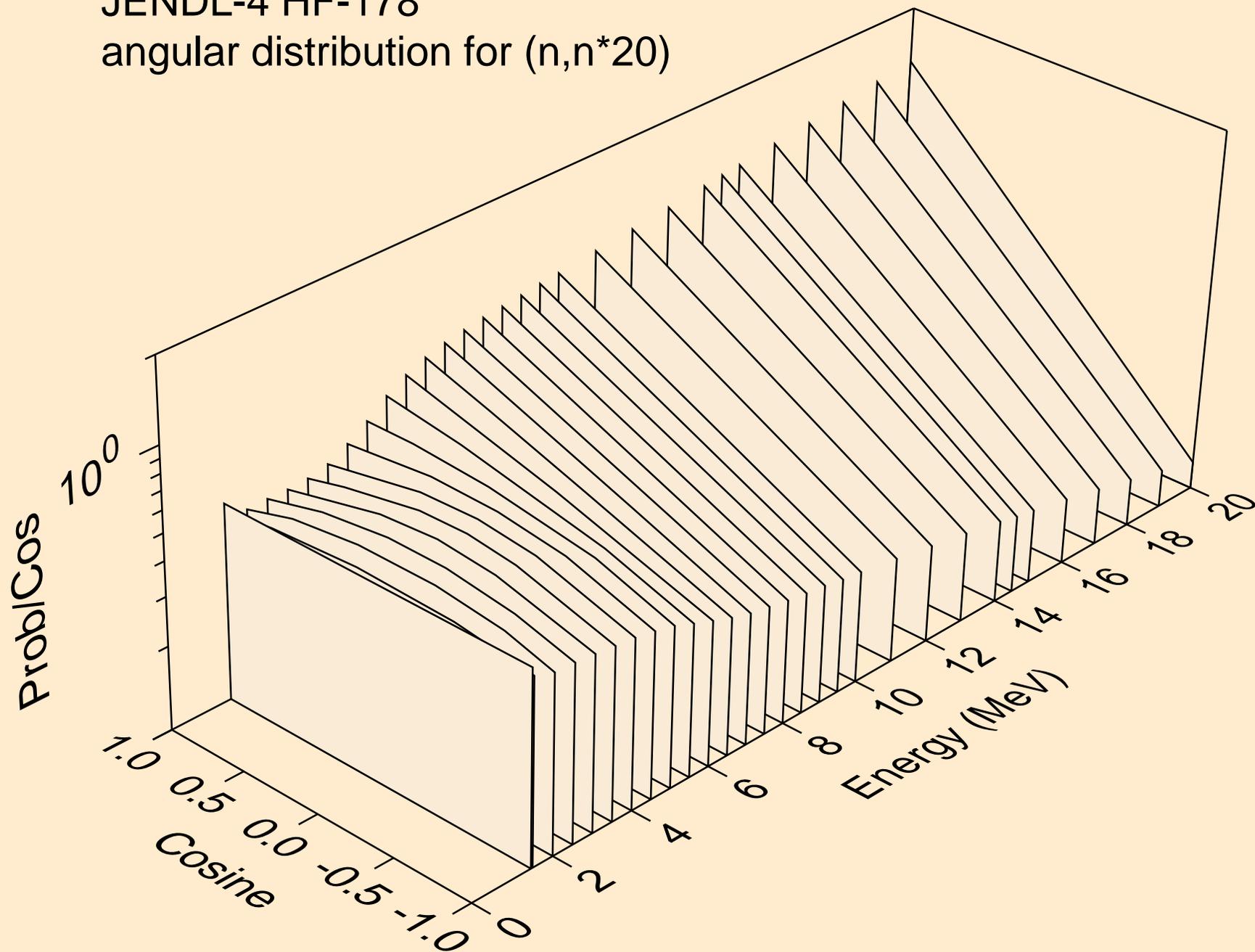
JENDL-4 HF-178  
angular distribution for (n,n\*18)



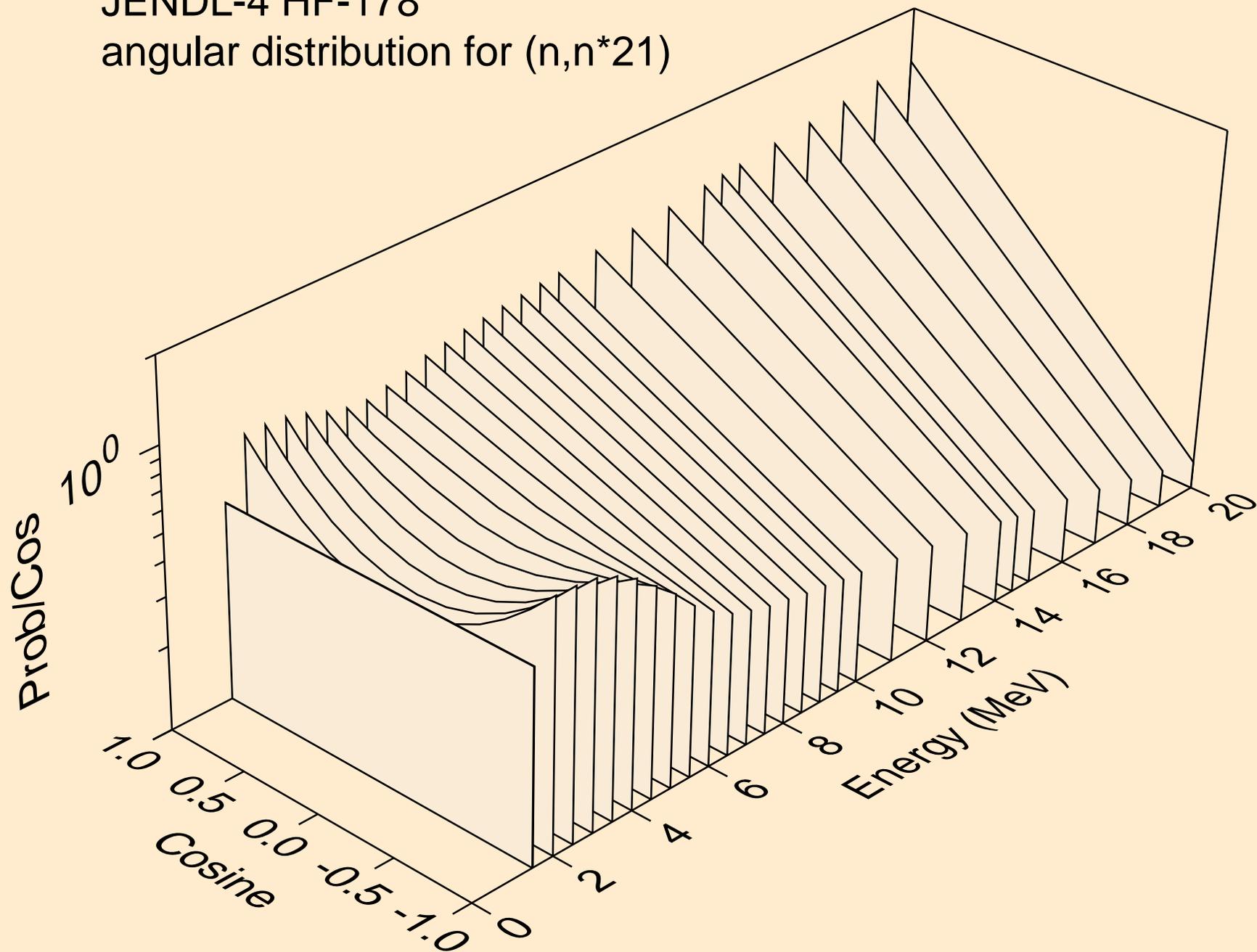
JENDL-4 HF-178  
angular distribution for (n,n\*19)



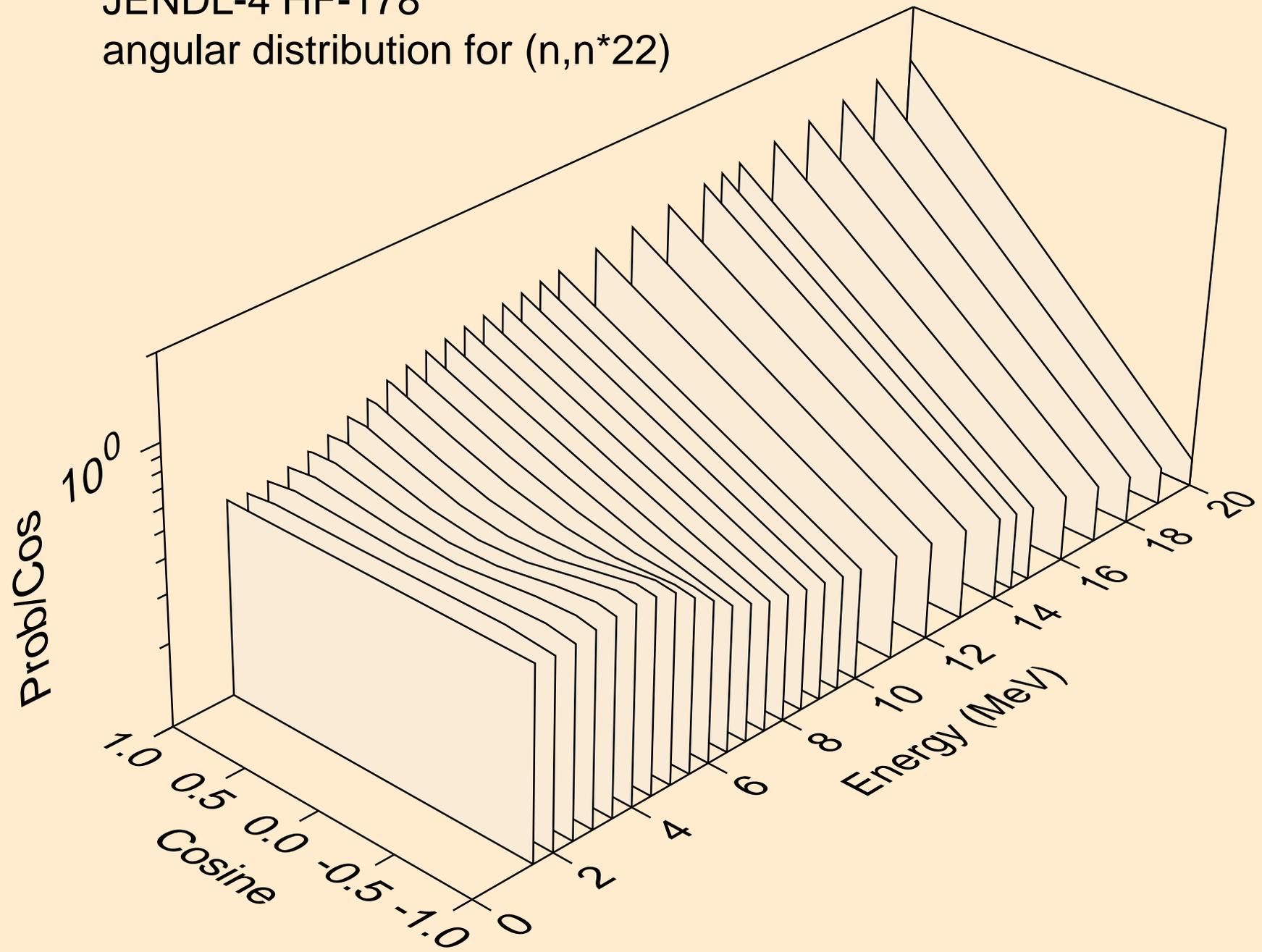
JENDL-4 HF-178  
angular distribution for (n,n\*20)



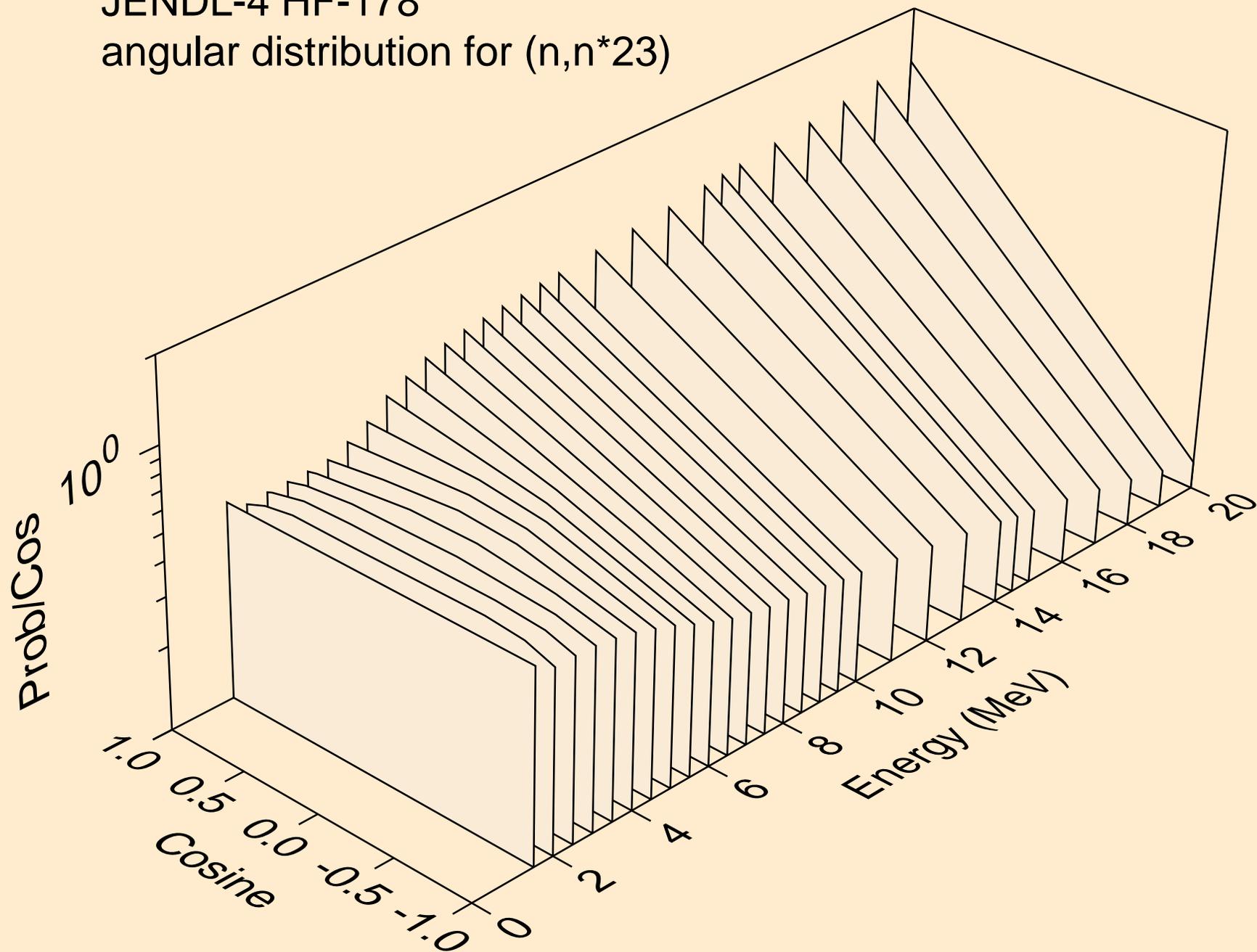
JENDL-4 HF-178  
angular distribution for (n,n\*21)



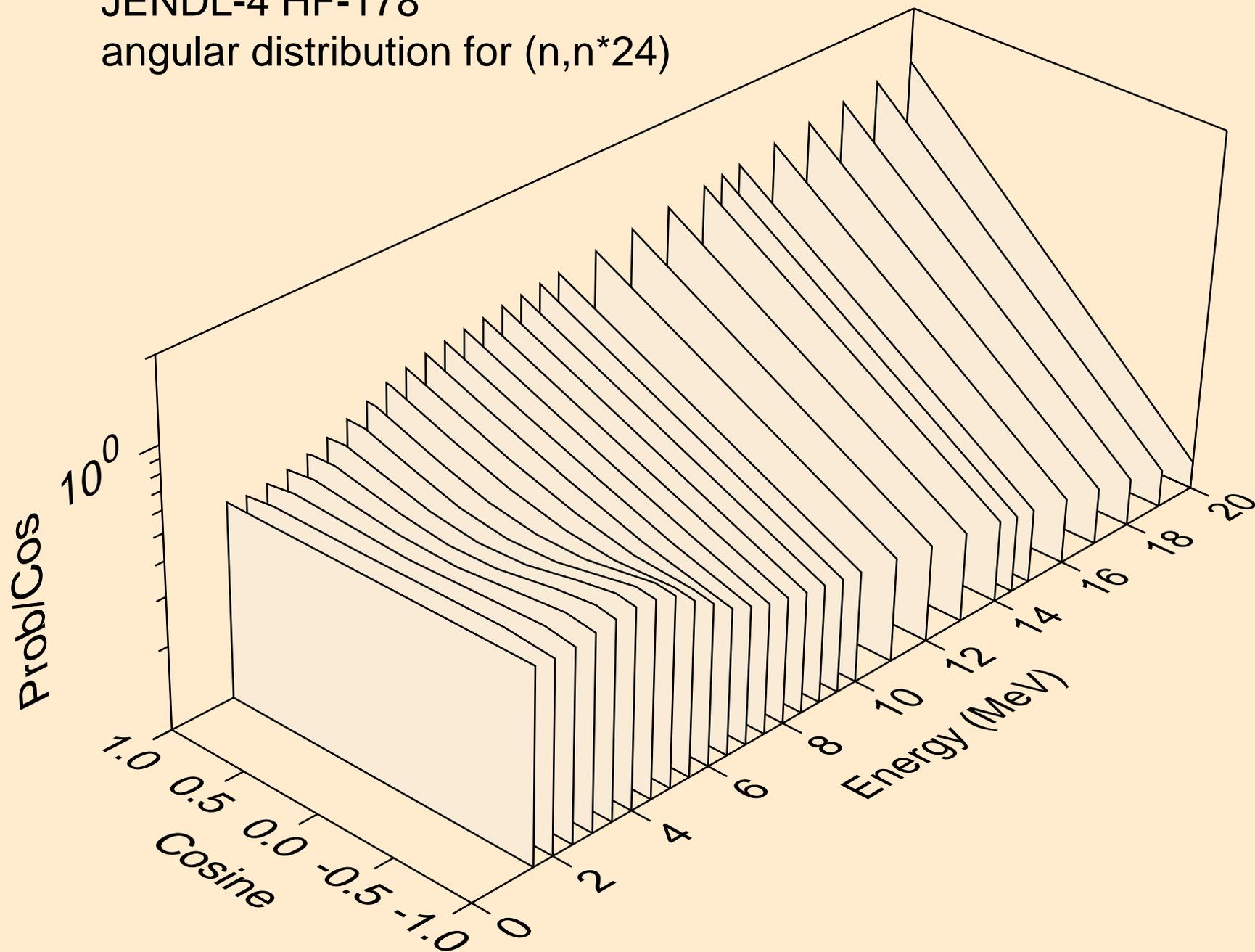
JENDL-4 HF-178  
angular distribution for (n,n\*22)



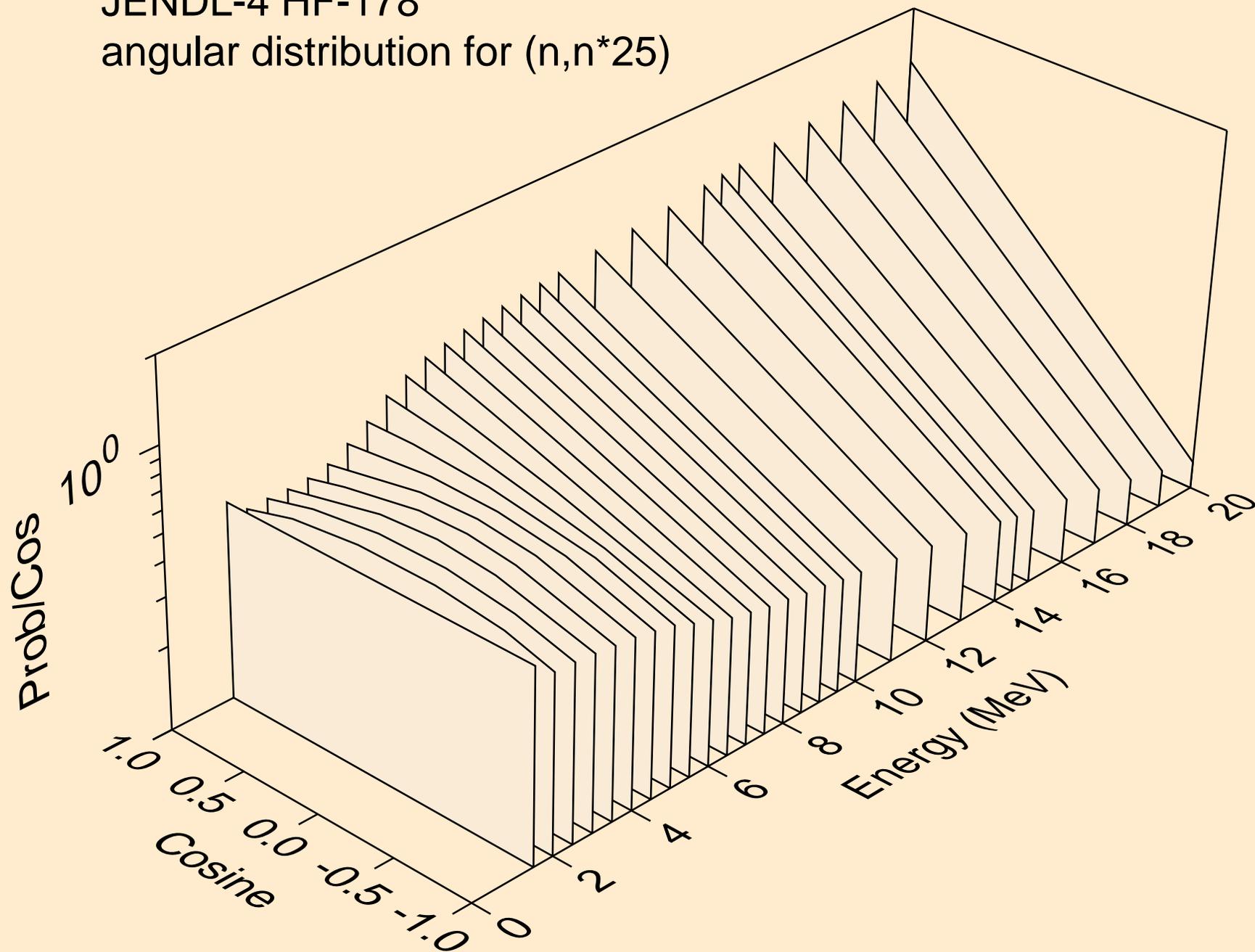
JENDL-4 HF-178  
angular distribution for (n,n\*23)



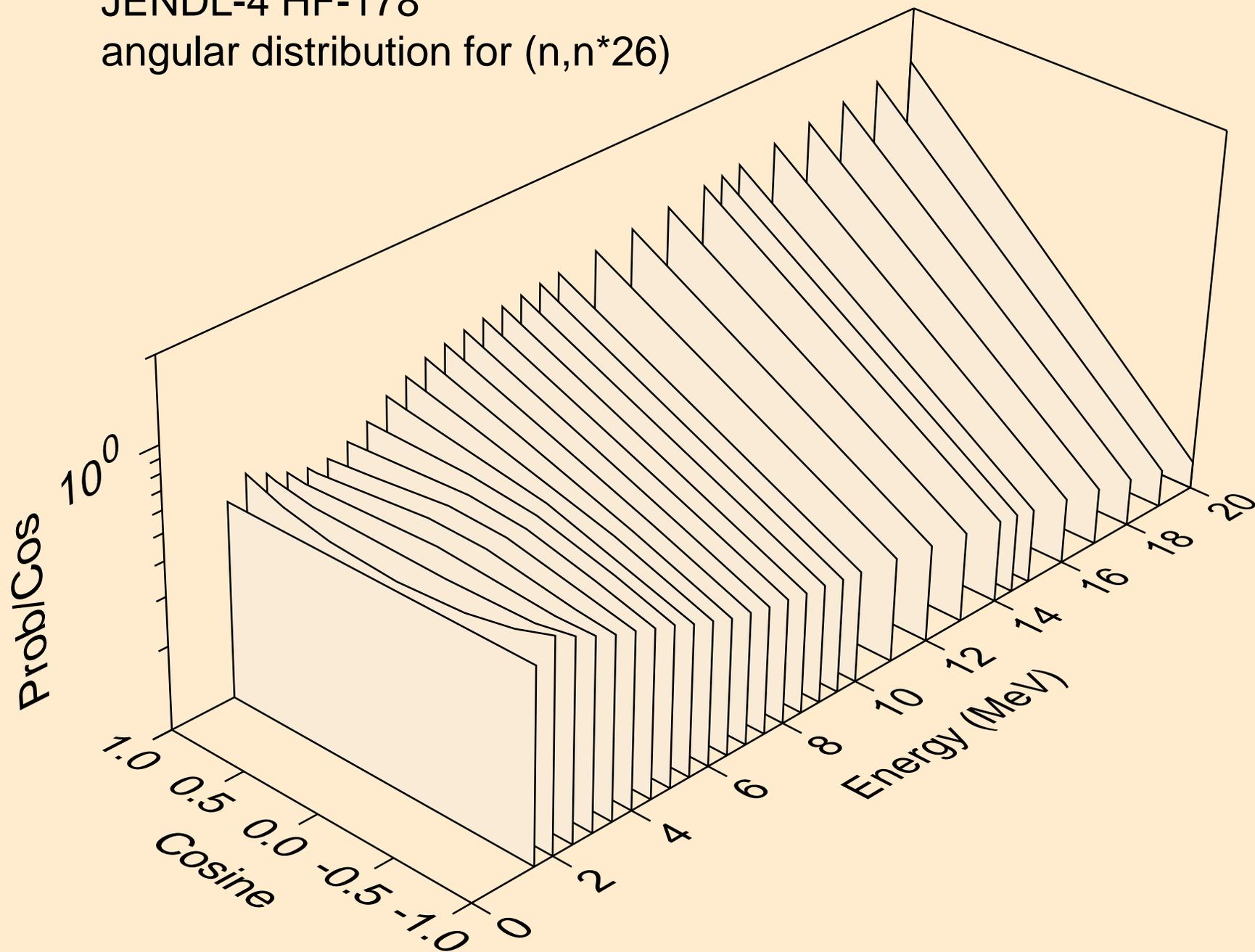
JENDL-4 HF-178  
angular distribution for (n,n\*24)



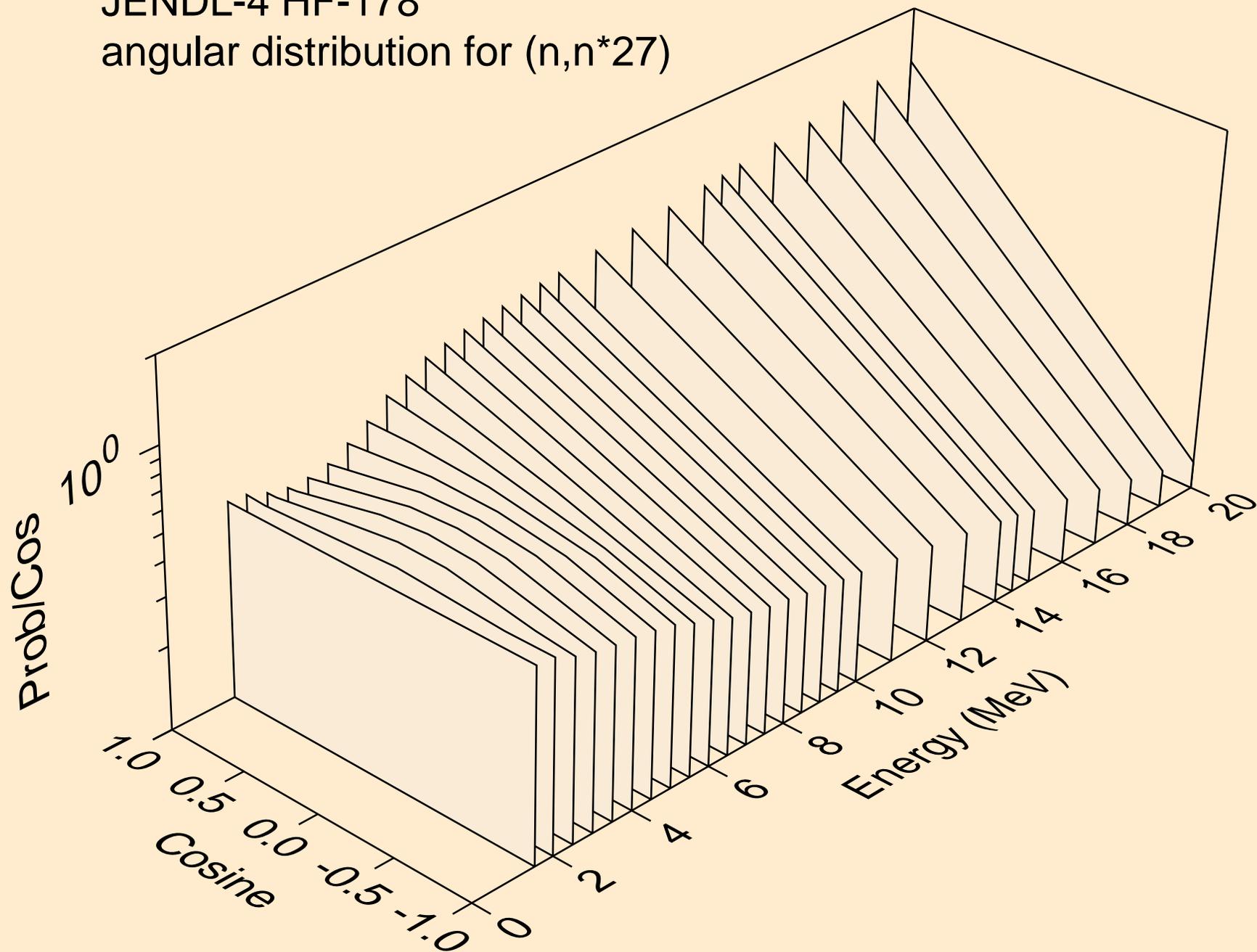
JENDL-4 HF-178  
angular distribution for (n,n\*25)



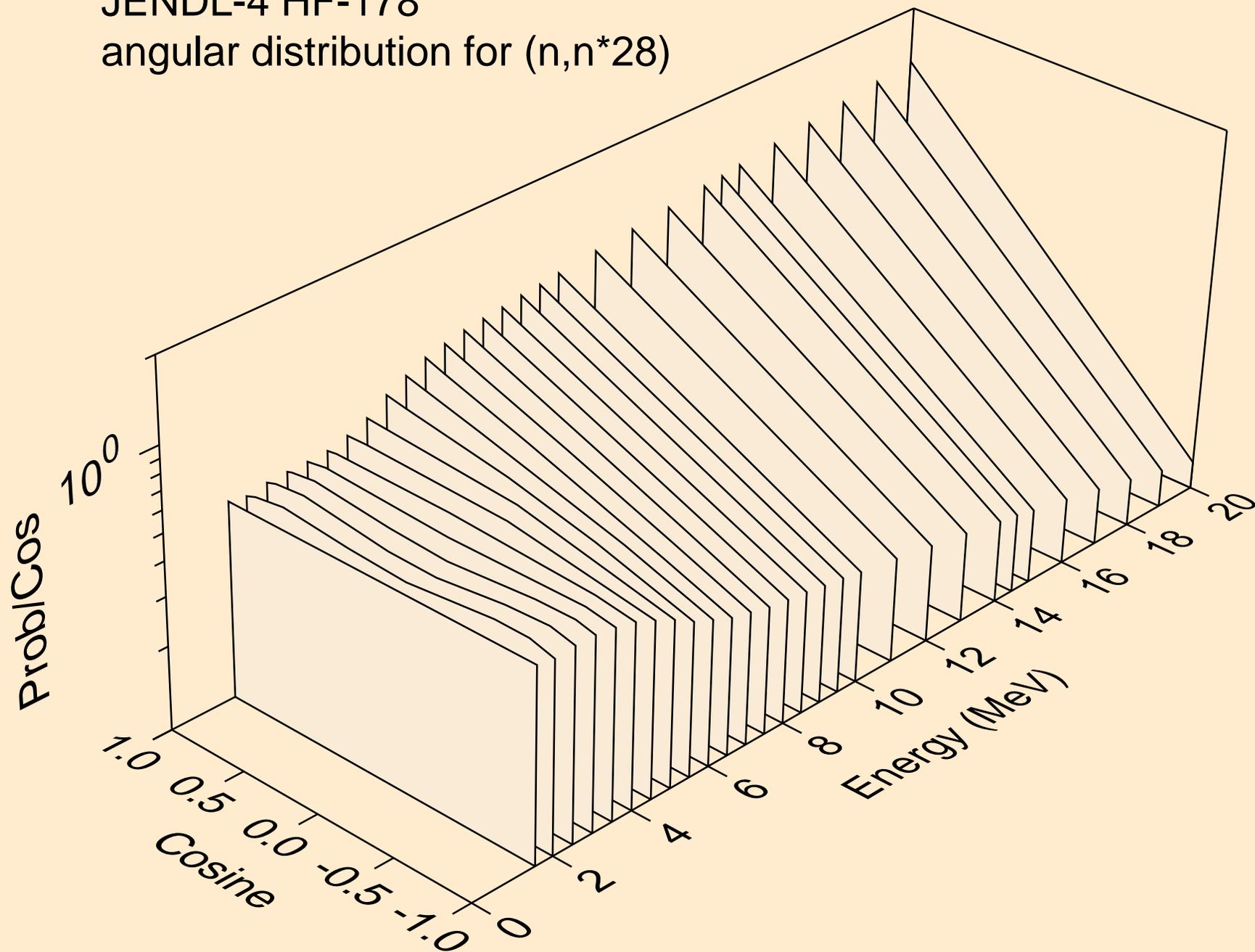
JENDL-4 HF-178  
angular distribution for (n,n\*26)



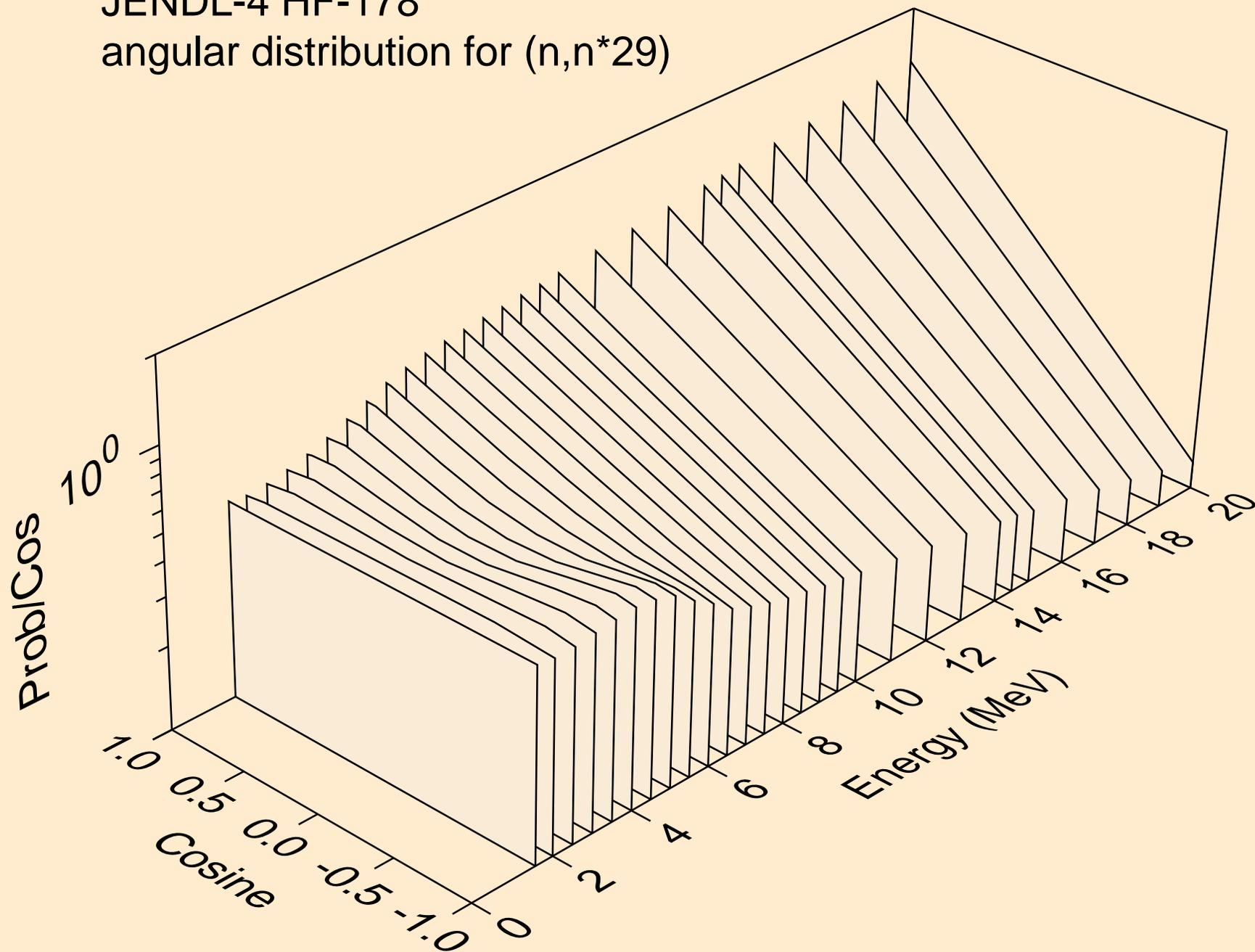
JENDL-4 HF-178  
angular distribution for (n,n\*27)



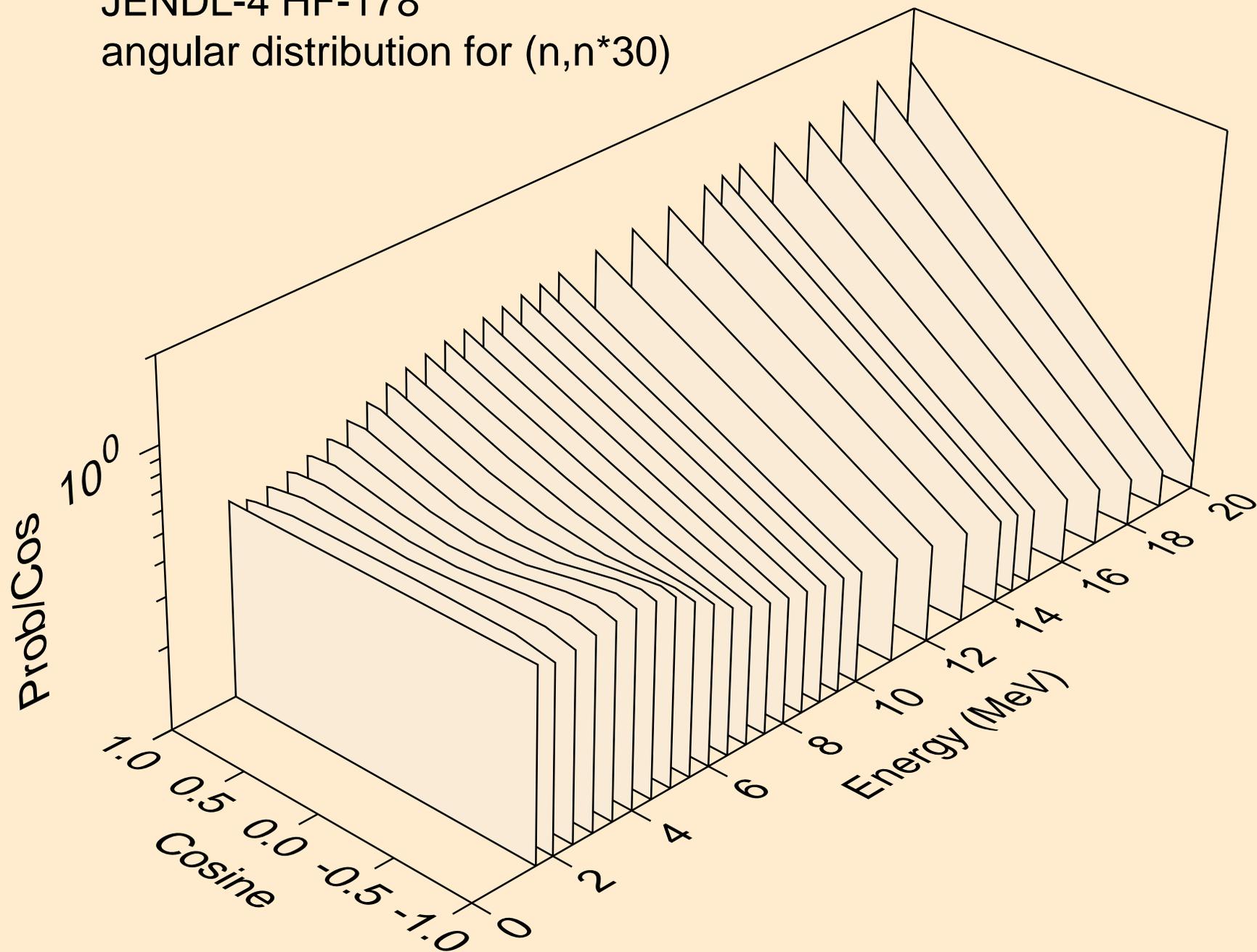
JENDL-4 HF-178  
angular distribution for (n,n\*28)



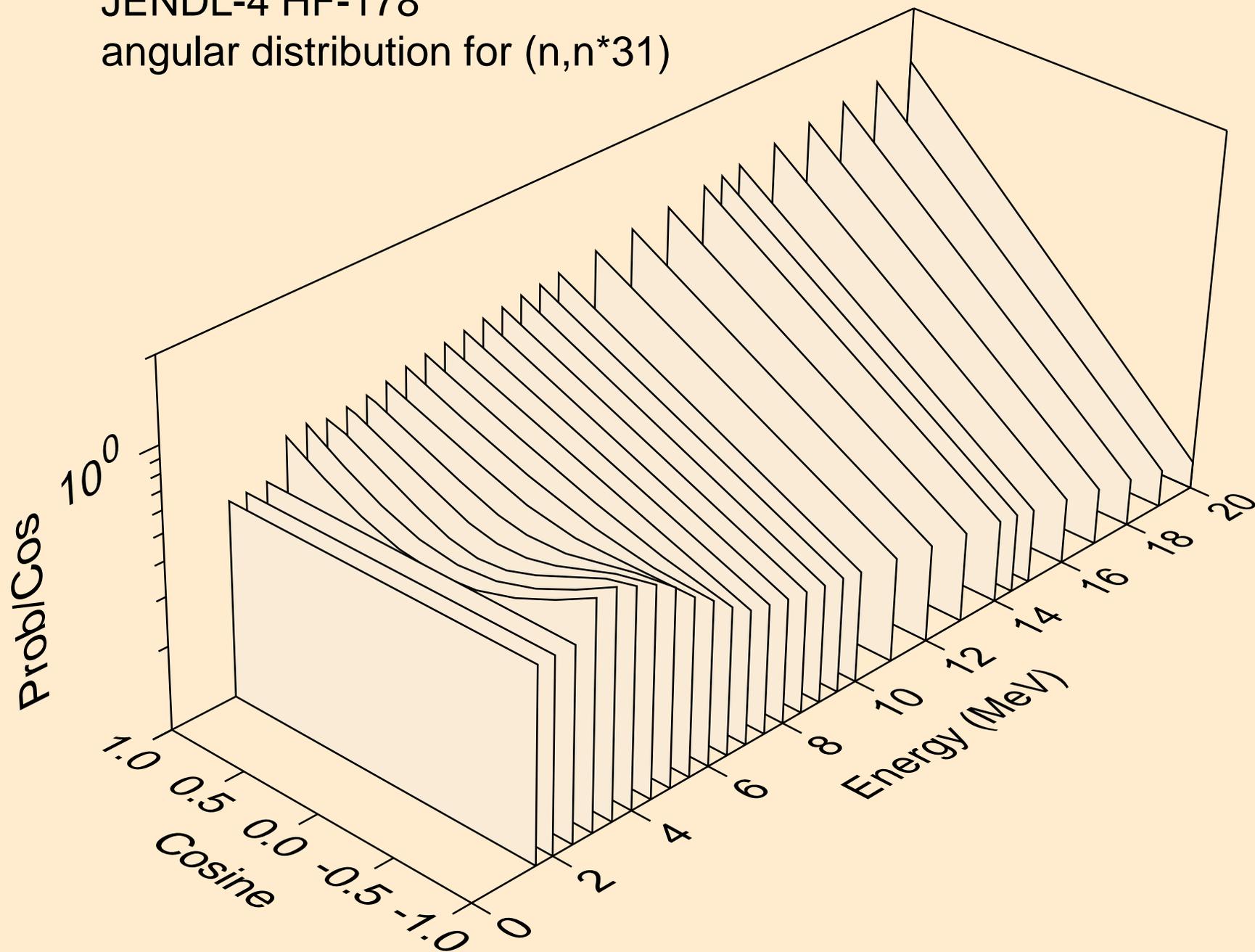
JENDL-4 HF-178  
angular distribution for (n,n\*29)



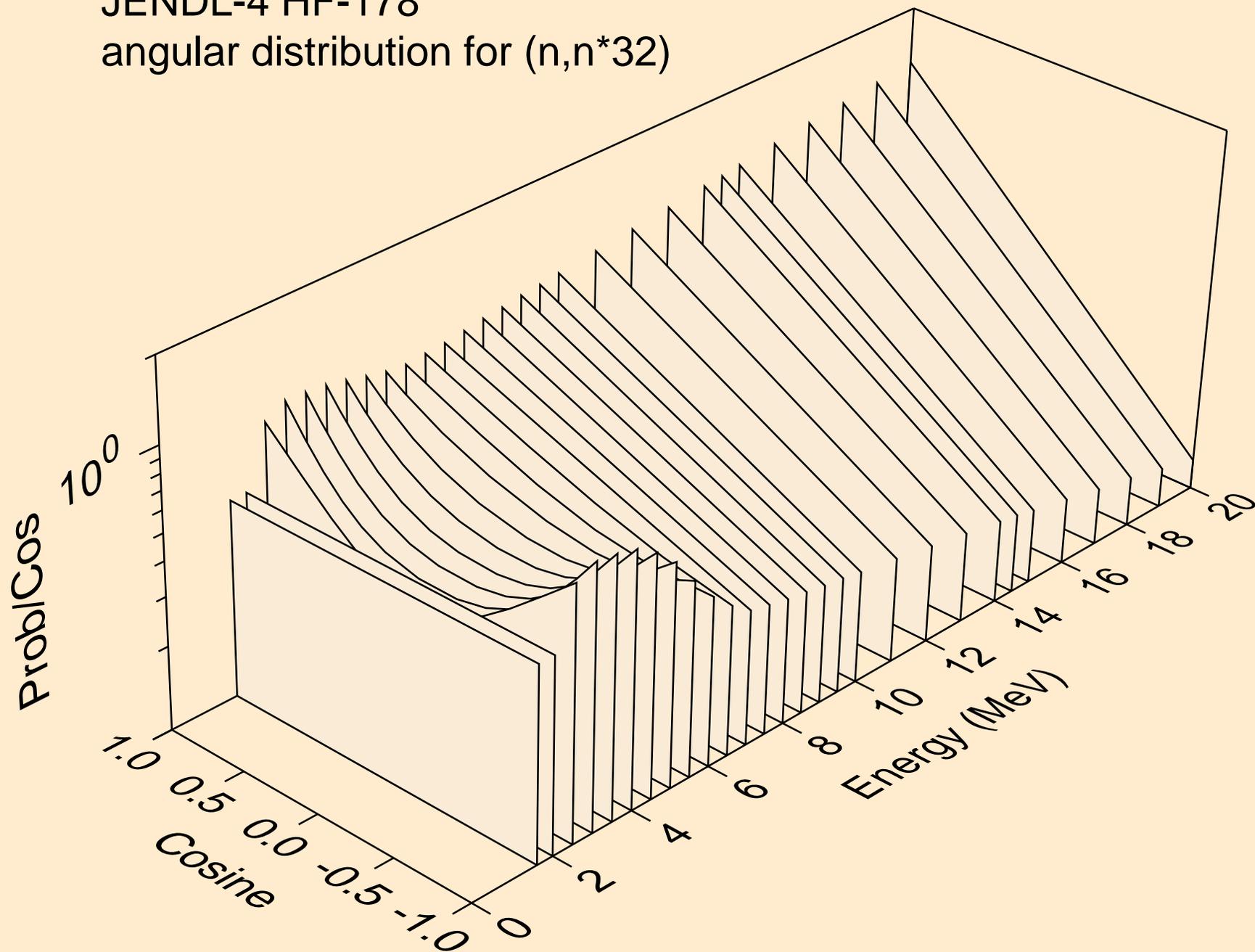
JENDL-4 HF-178  
angular distribution for (n,n\*30)



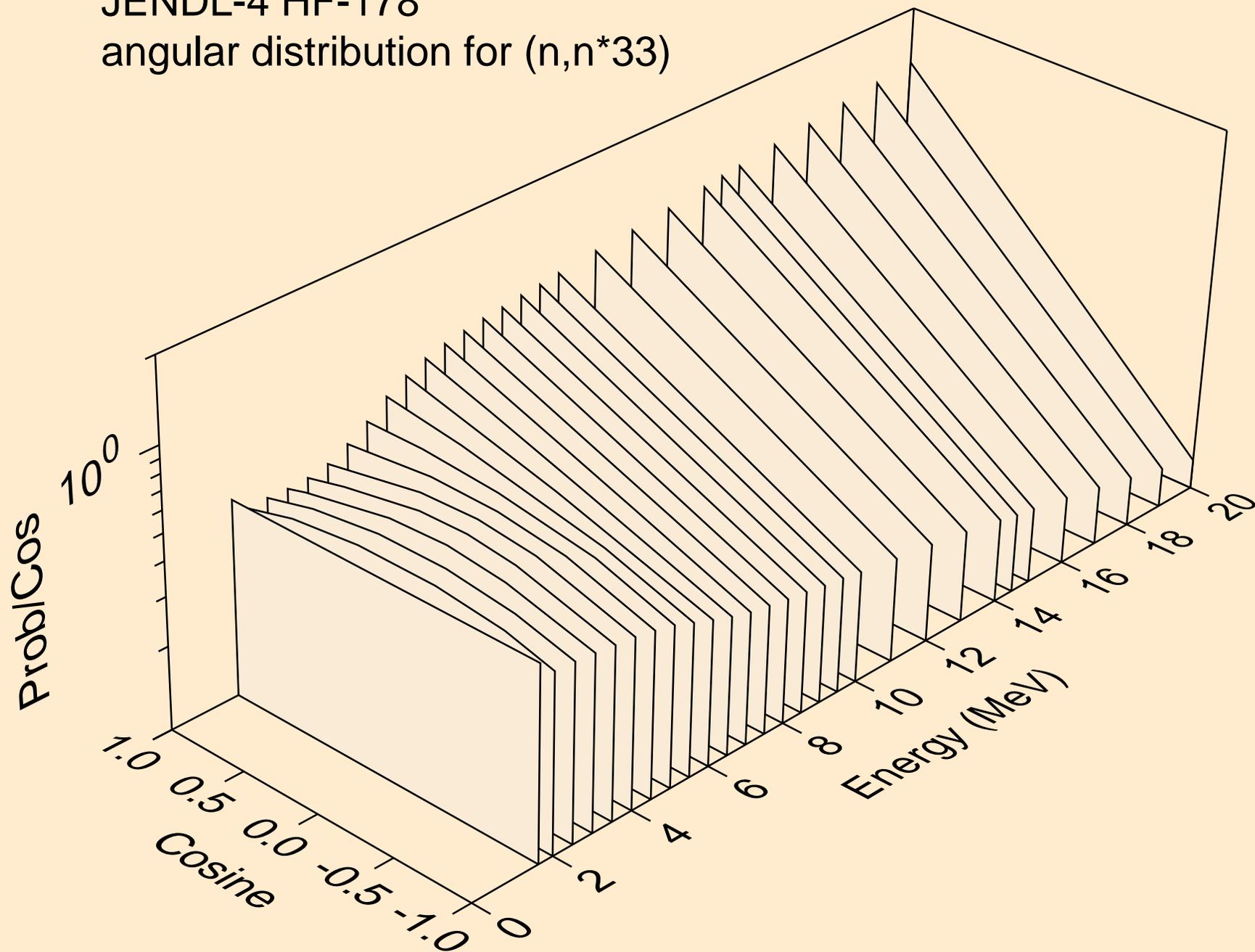
JENDL-4 HF-178  
angular distribution for (n,n\*31)



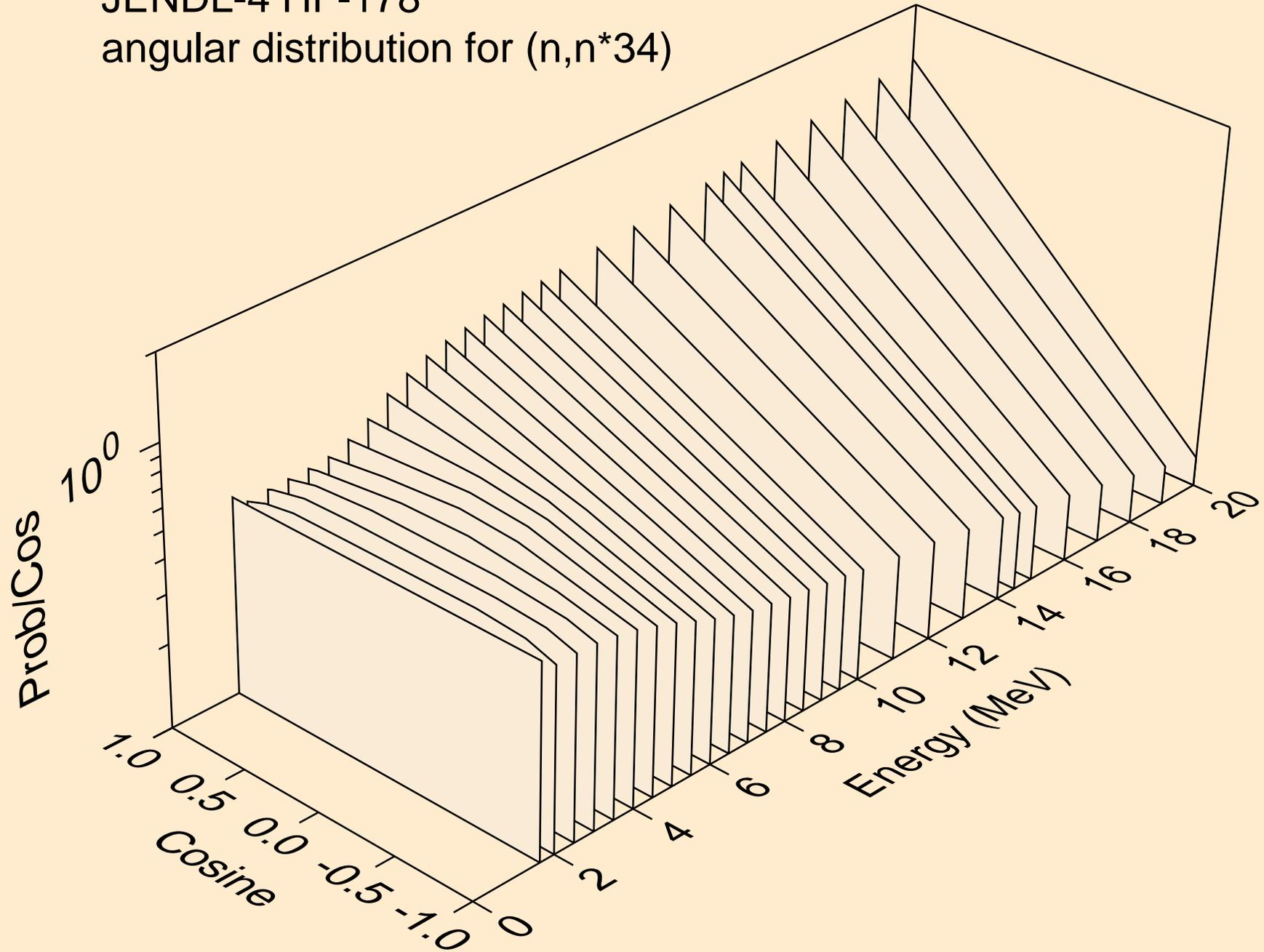
JENDL-4 HF-178  
angular distribution for (n,n\*32)



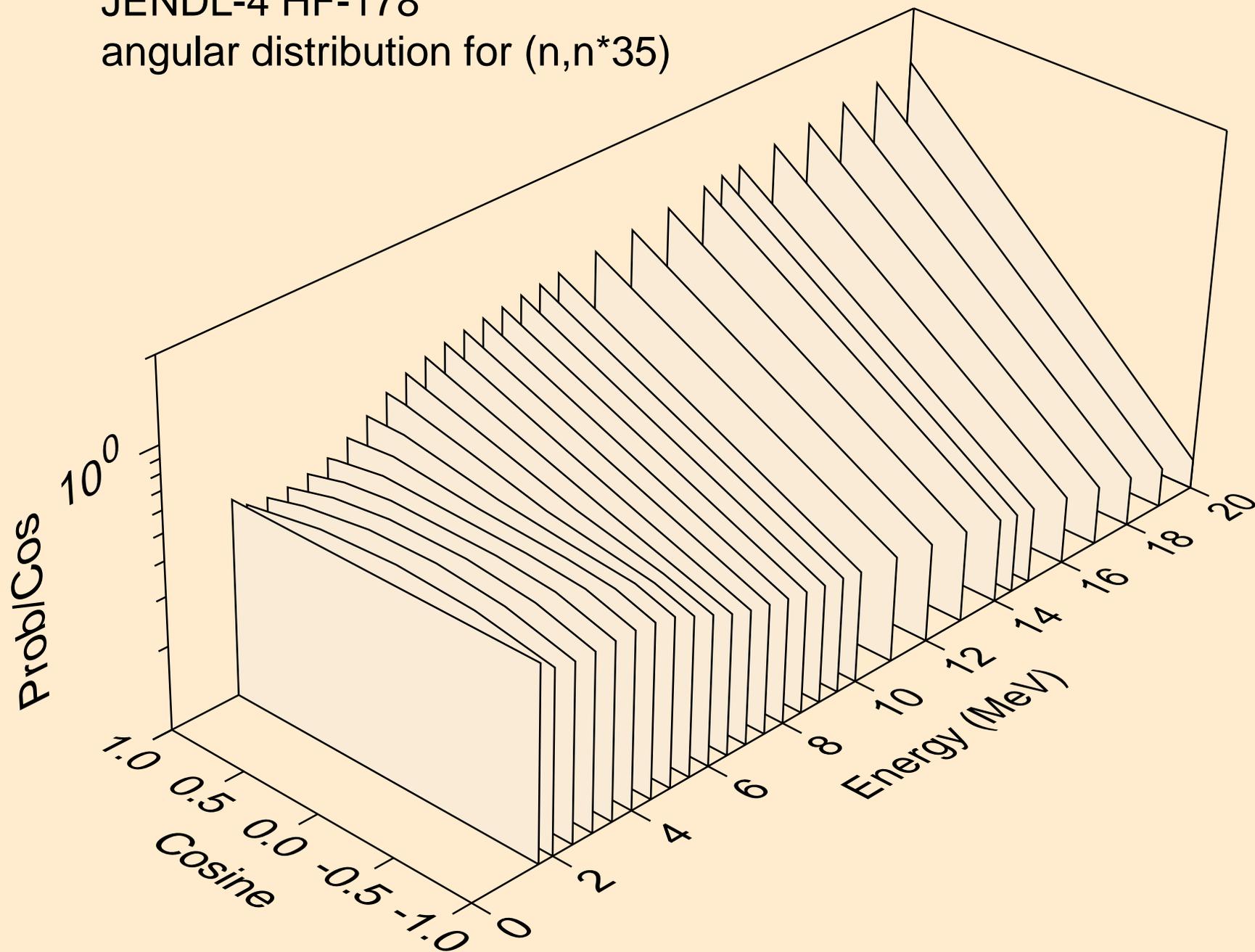
JENDL-4 HF-178  
angular distribution for (n,n\*33)



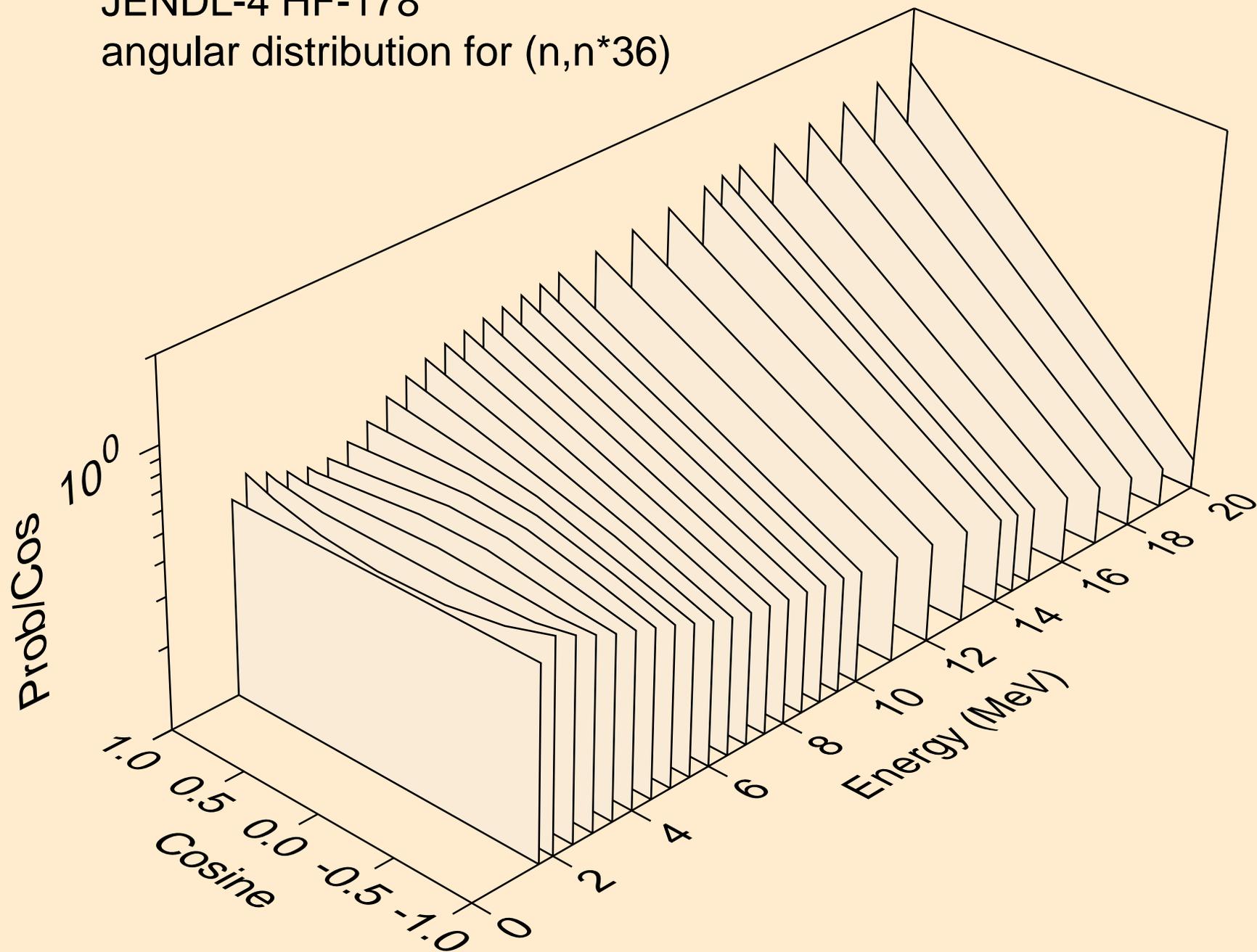
JENDL-4 HF-178  
angular distribution for (n,n\*34)



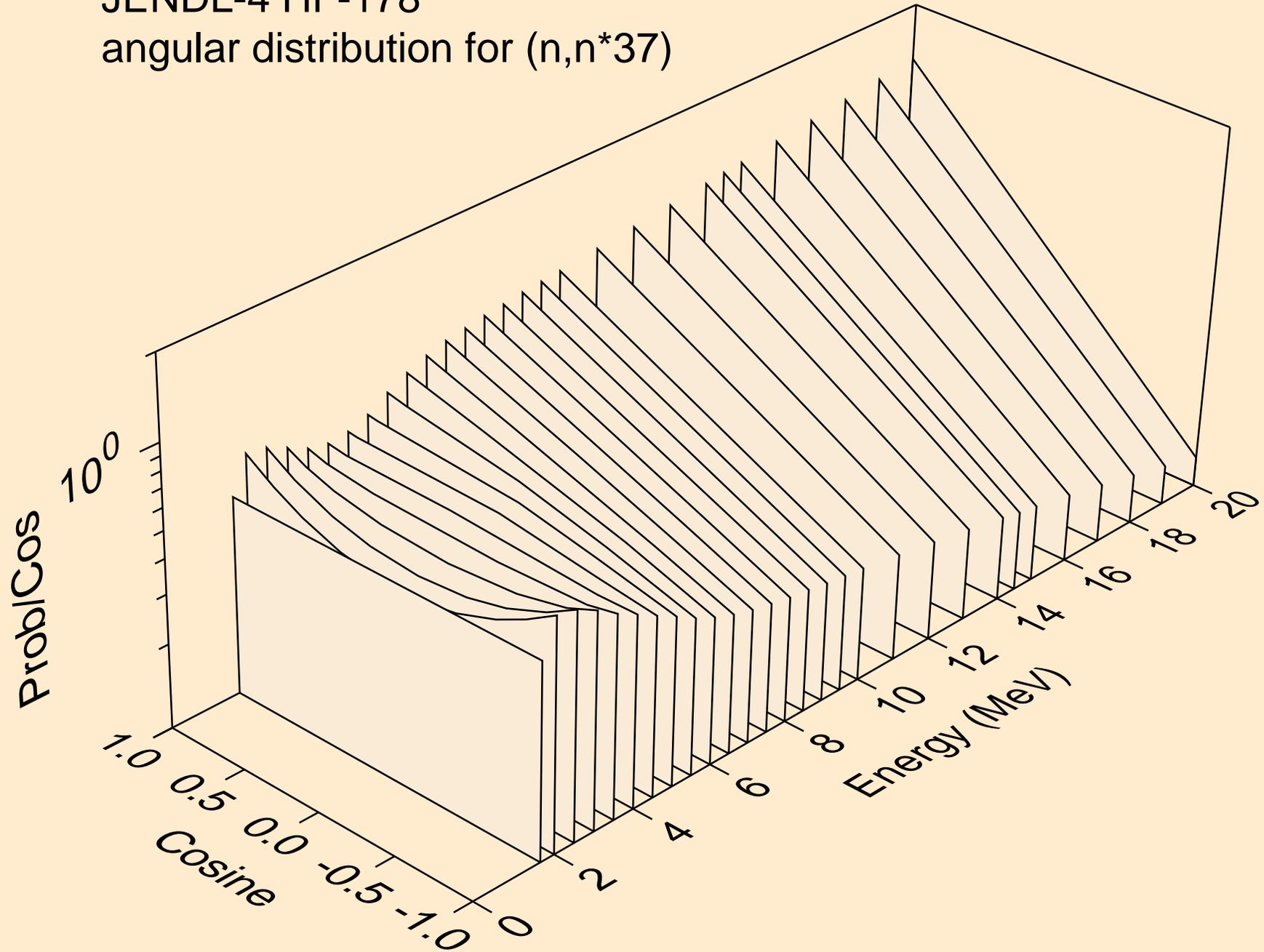
JENDL-4 HF-178  
angular distribution for (n,n\*35)



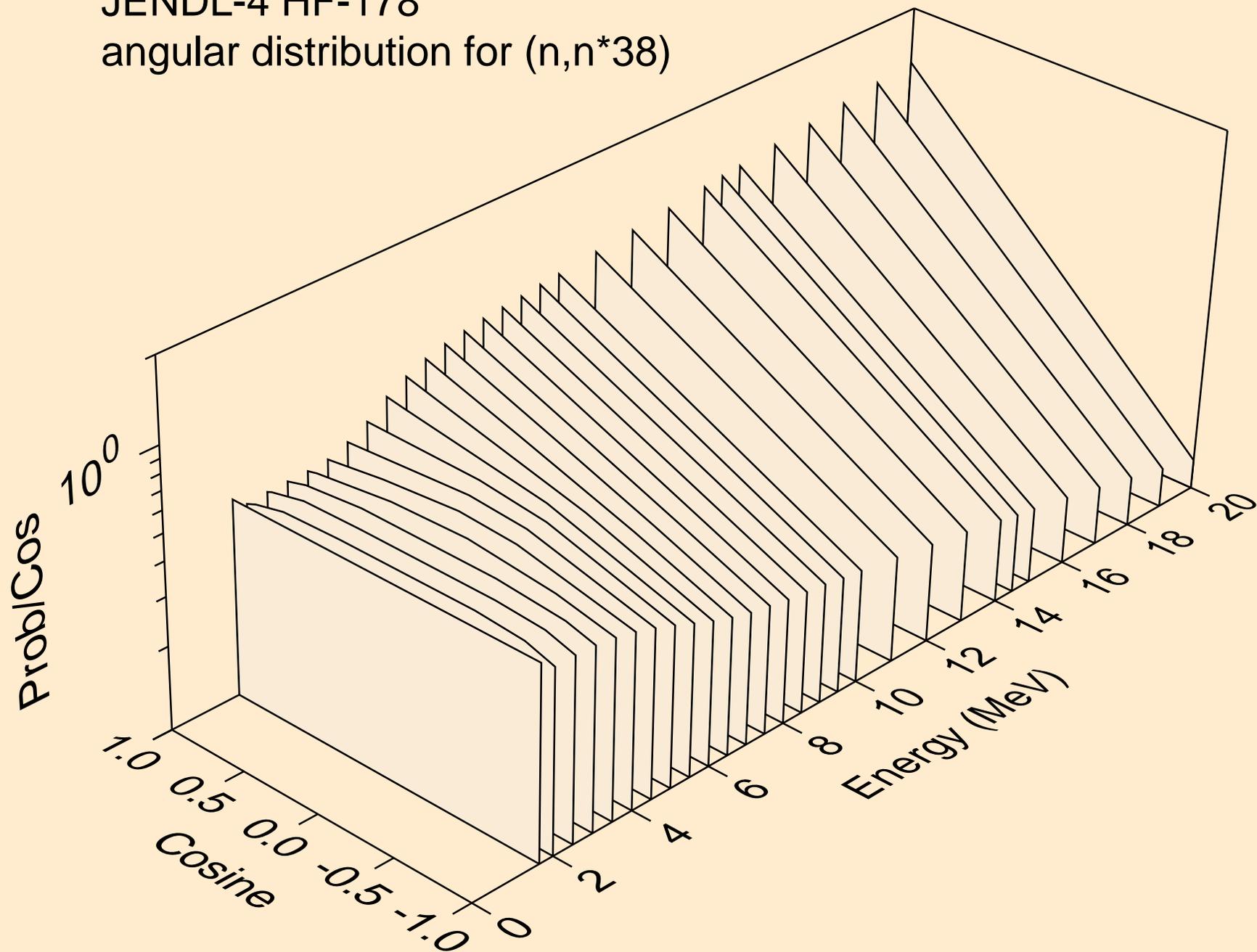
JENDL-4 HF-178  
angular distribution for (n,n\*36)



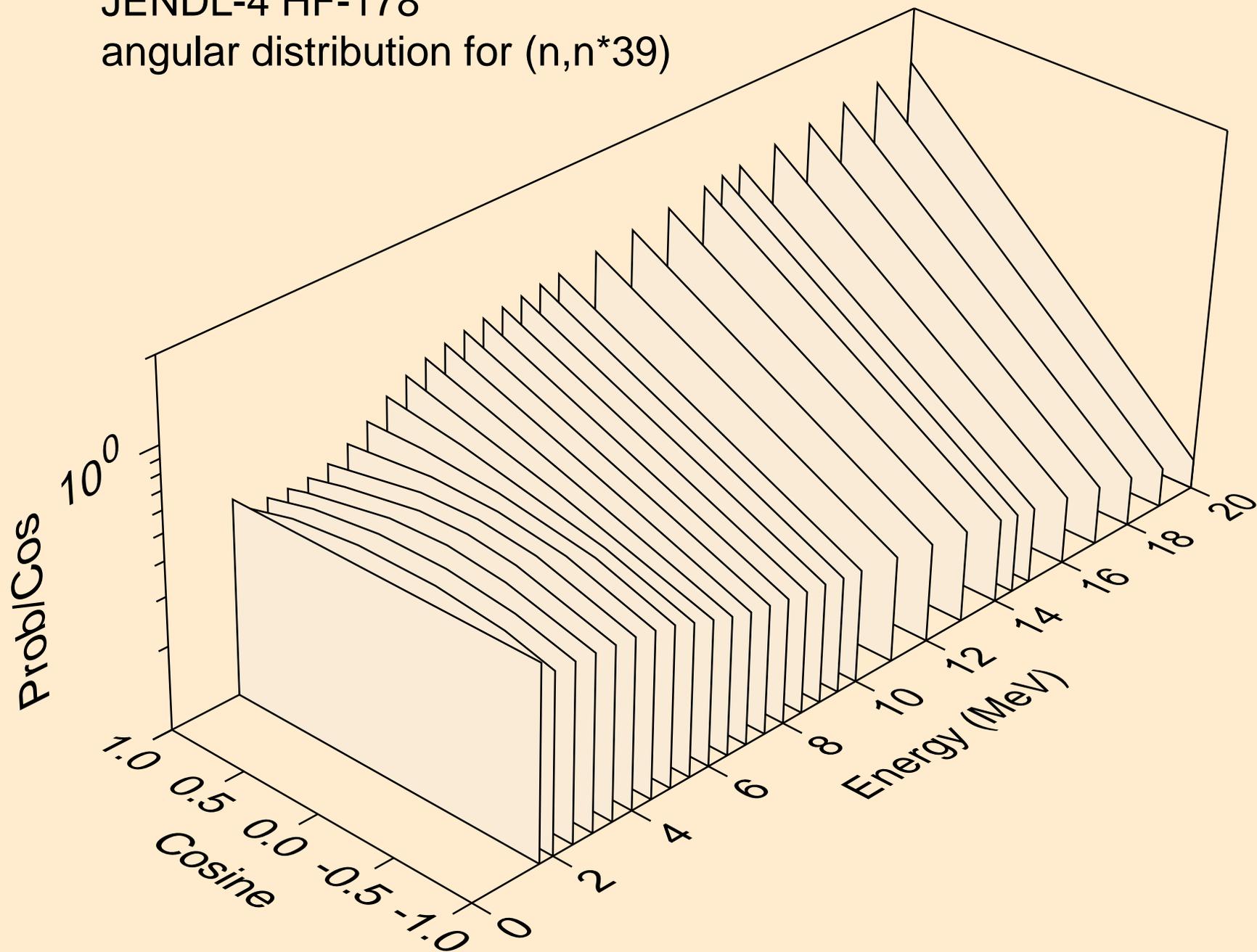
JENDL-4 HF-178  
angular distribution for (n,n\*37)



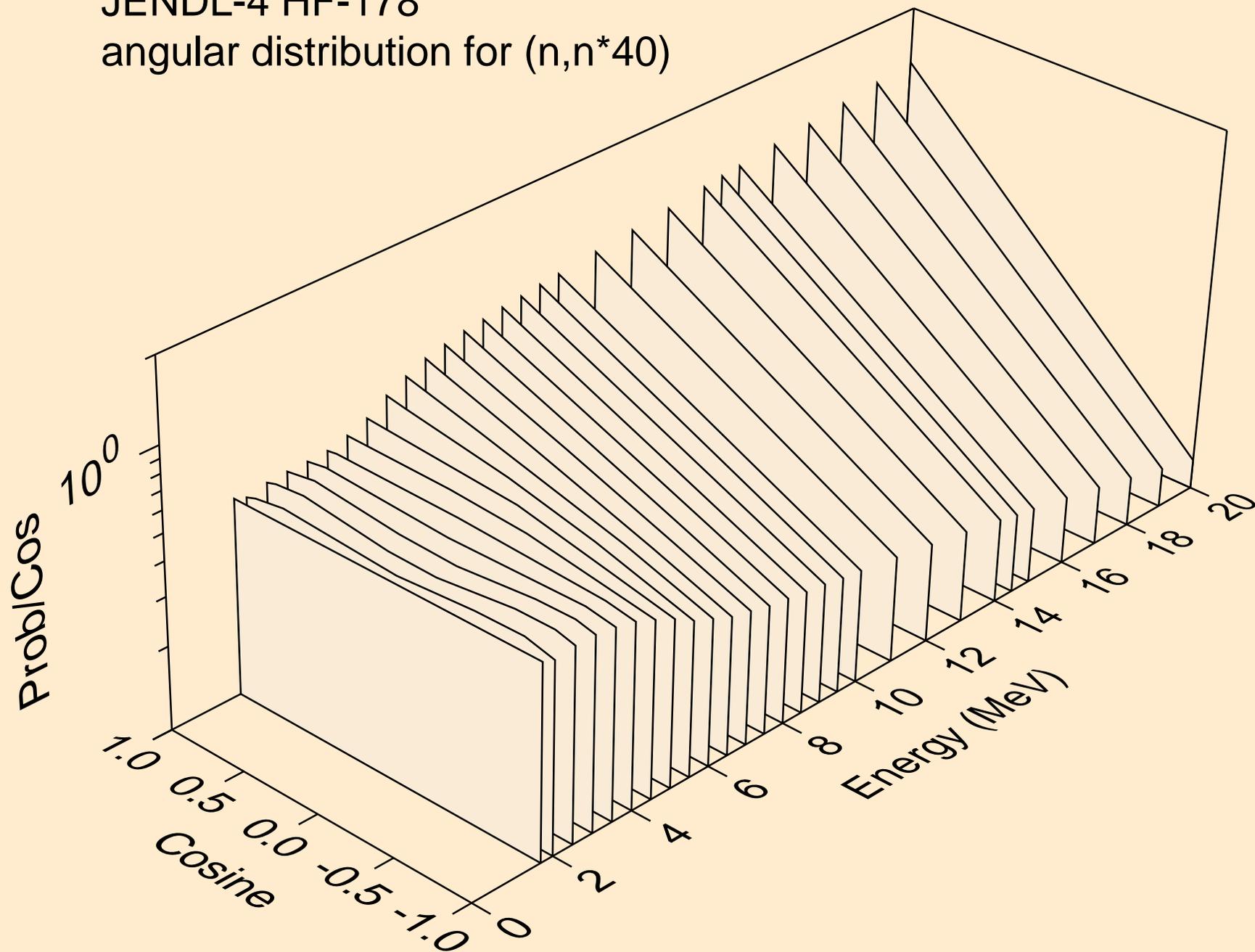
JENDL-4 HF-178  
angular distribution for (n,n\*38)



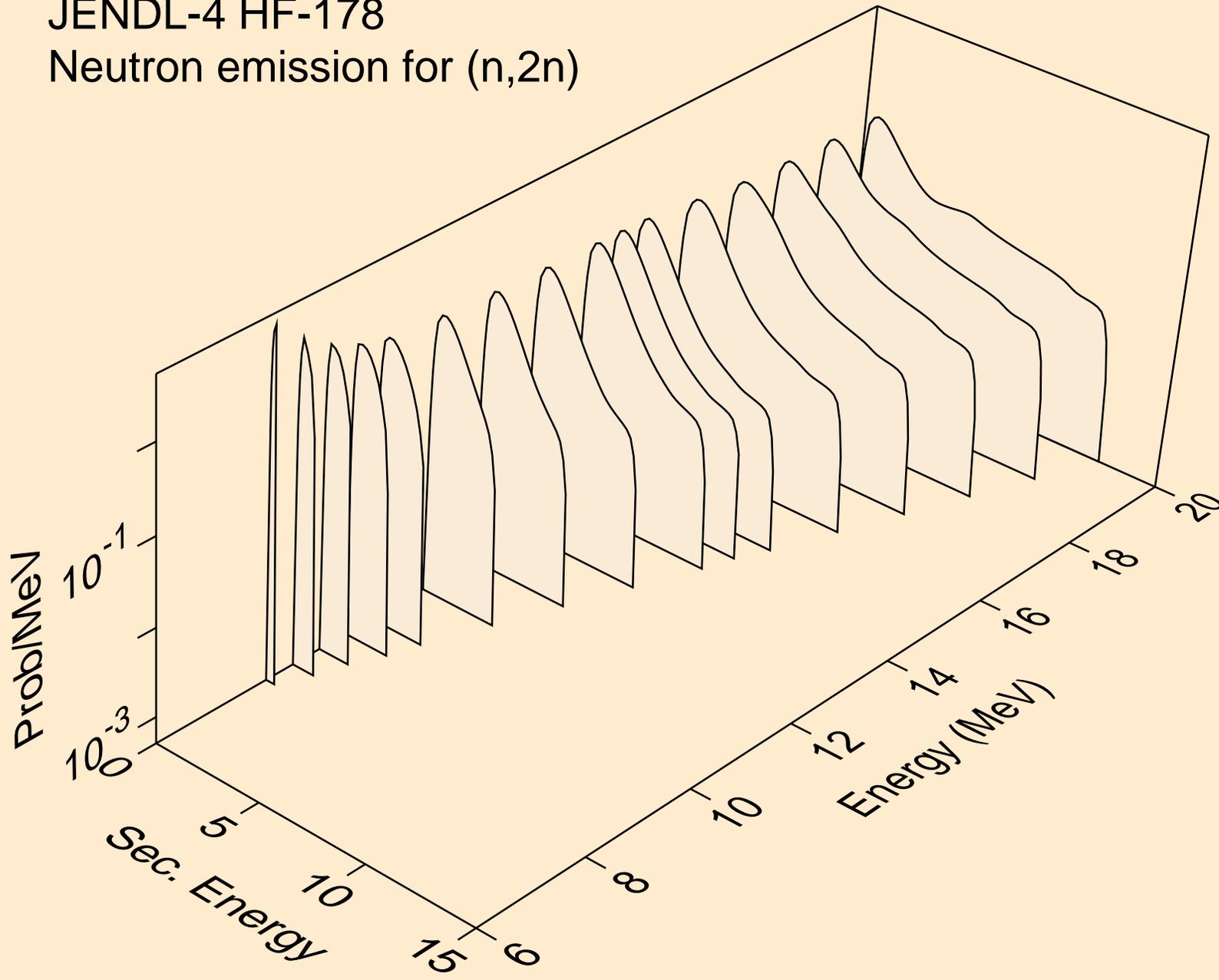
JENDL-4 HF-178  
angular distribution for (n,n\*39)



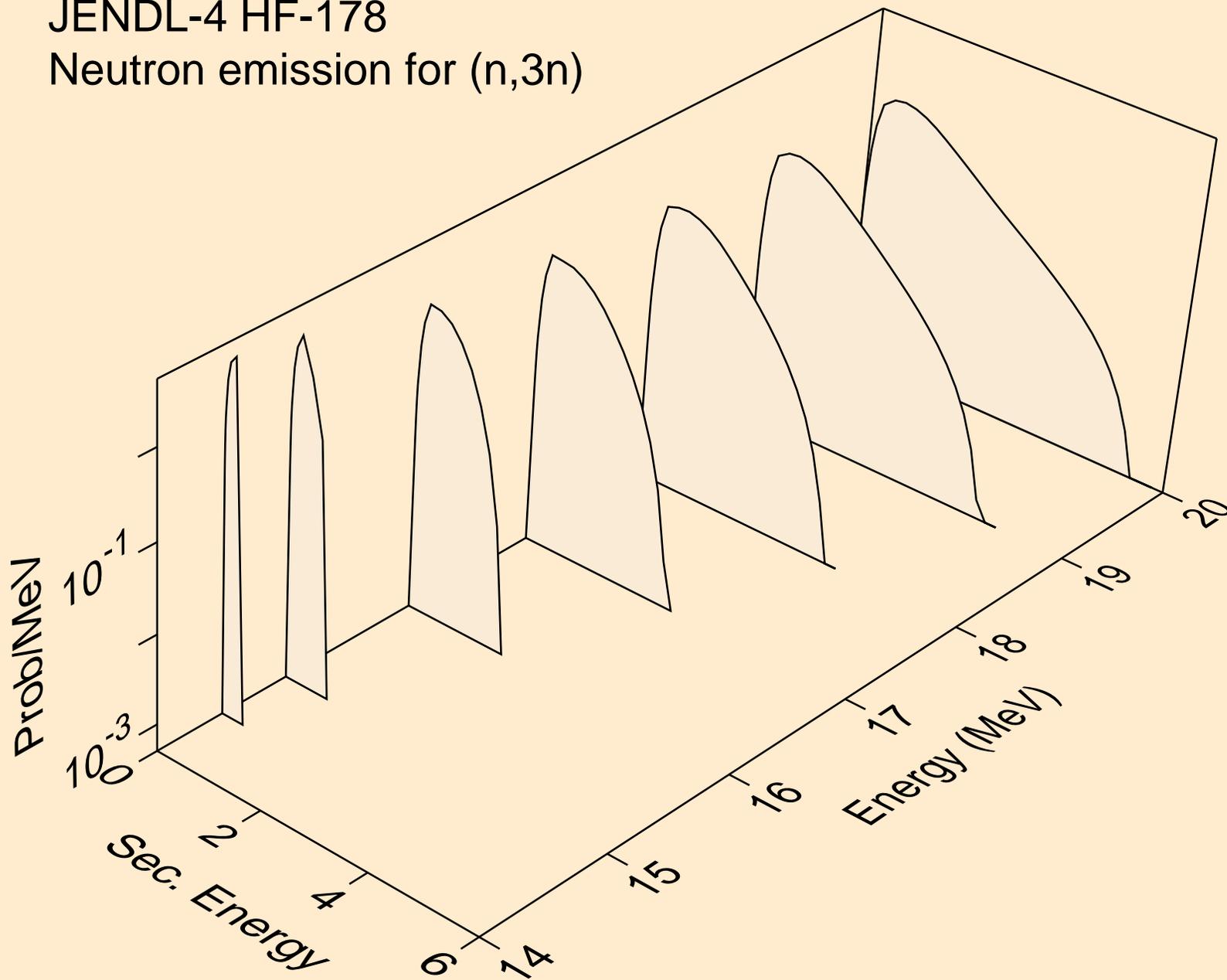
JENDL-4 HF-178  
angular distribution for (n,n\*40)



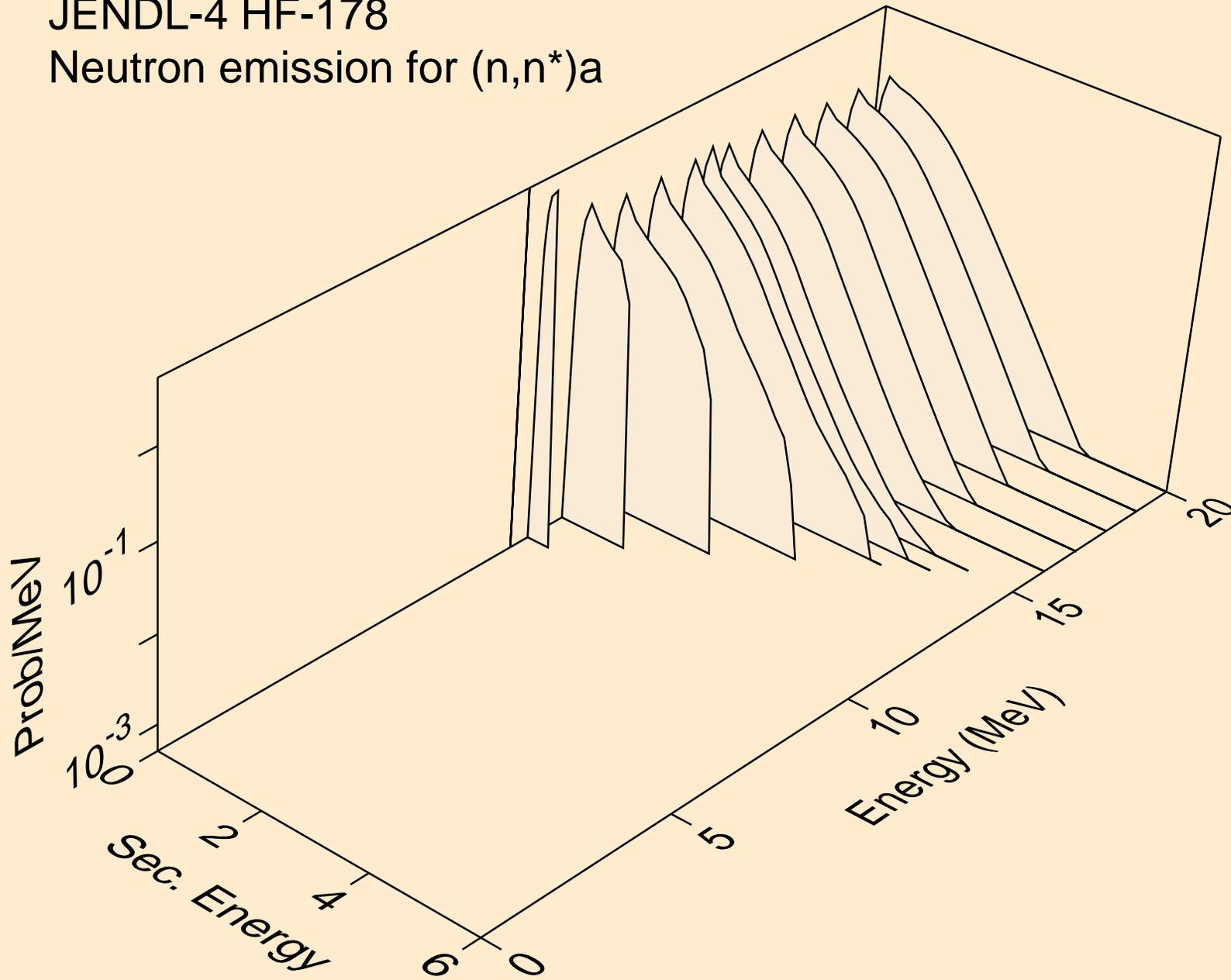
JENDL-4 HF-178  
Neutron emission for (n,2n)



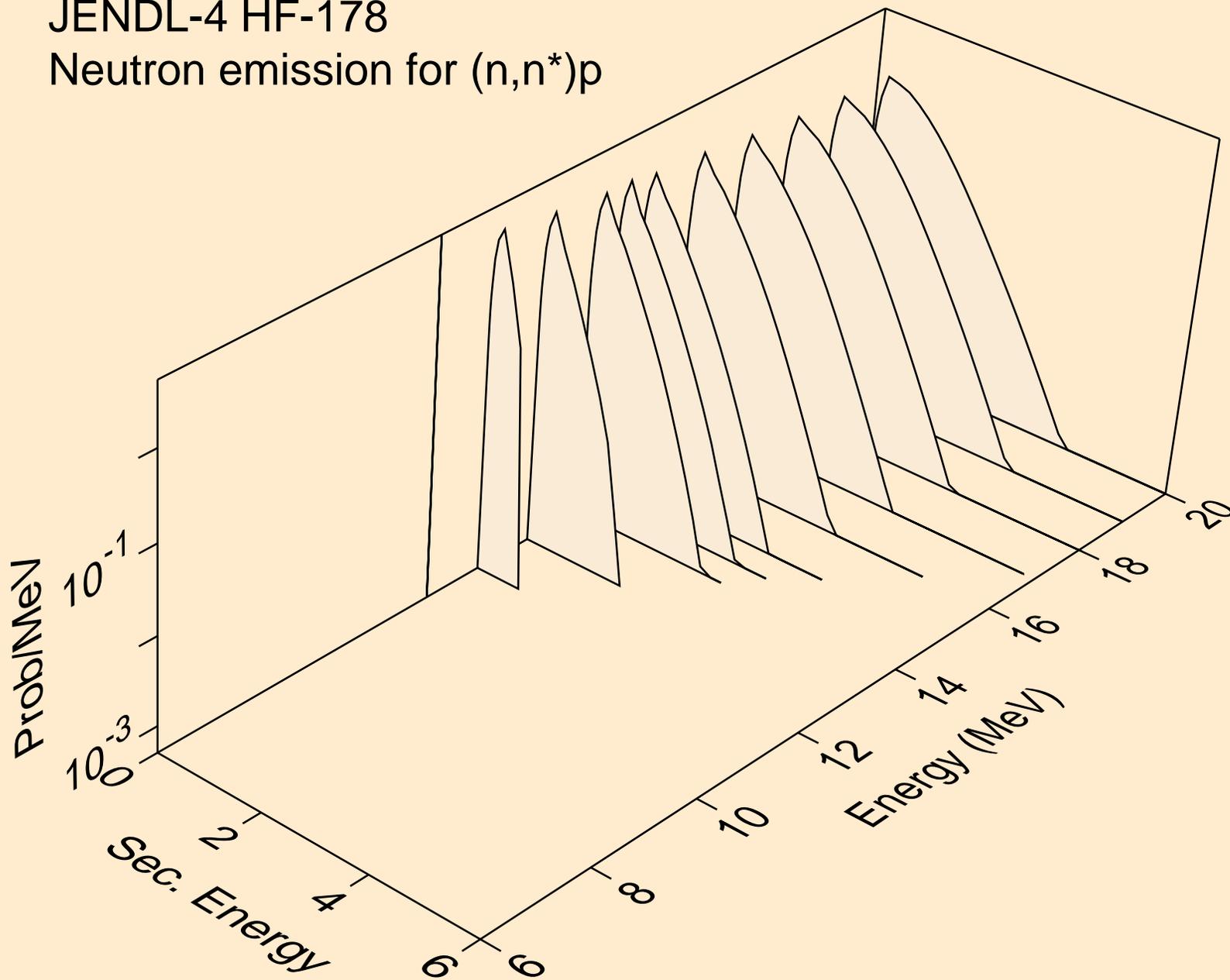
JENDL-4 HF-178  
Neutron emission for (n,3n)



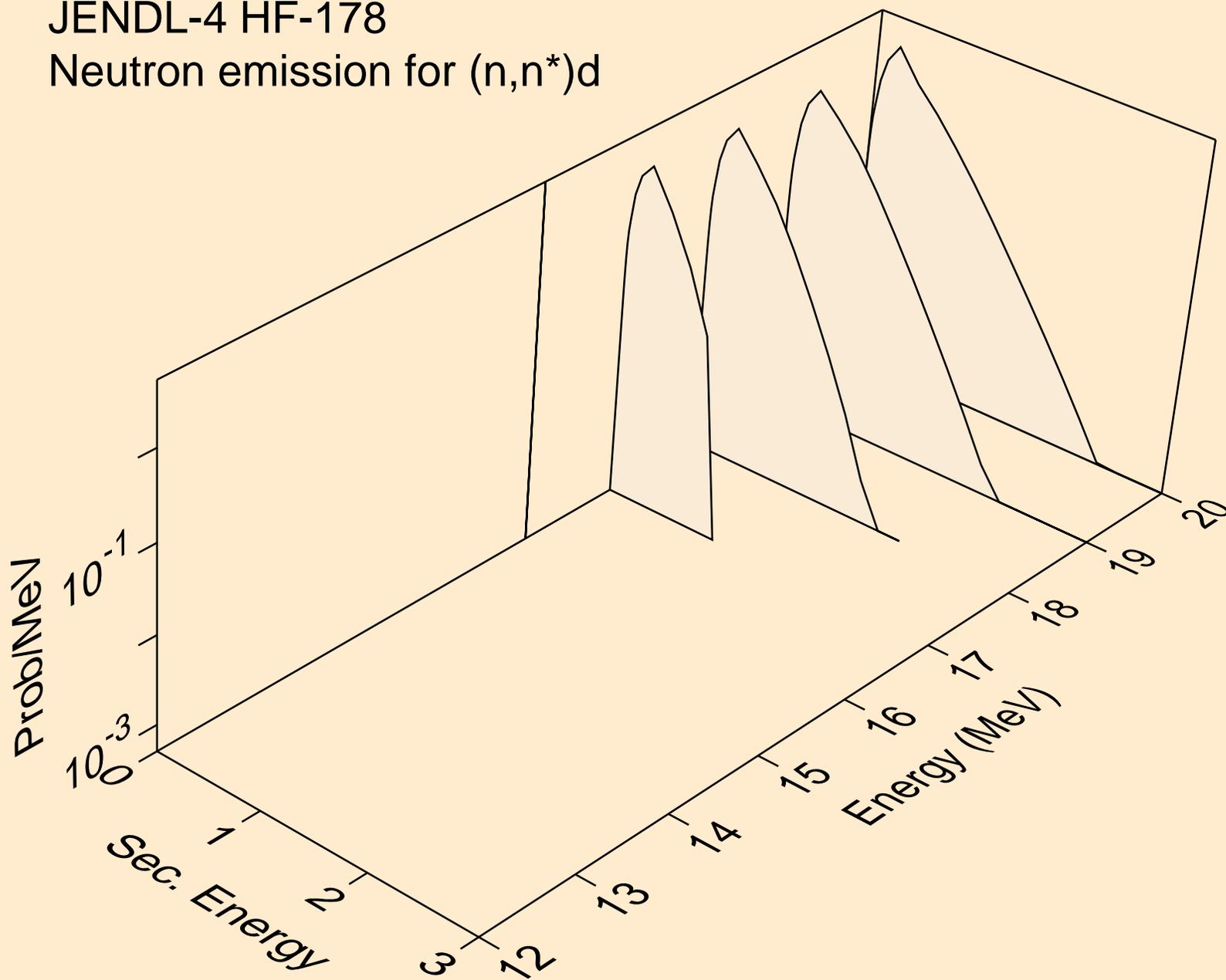
JENDL-4 HF-178  
Neutron emission for (n,n\*)a



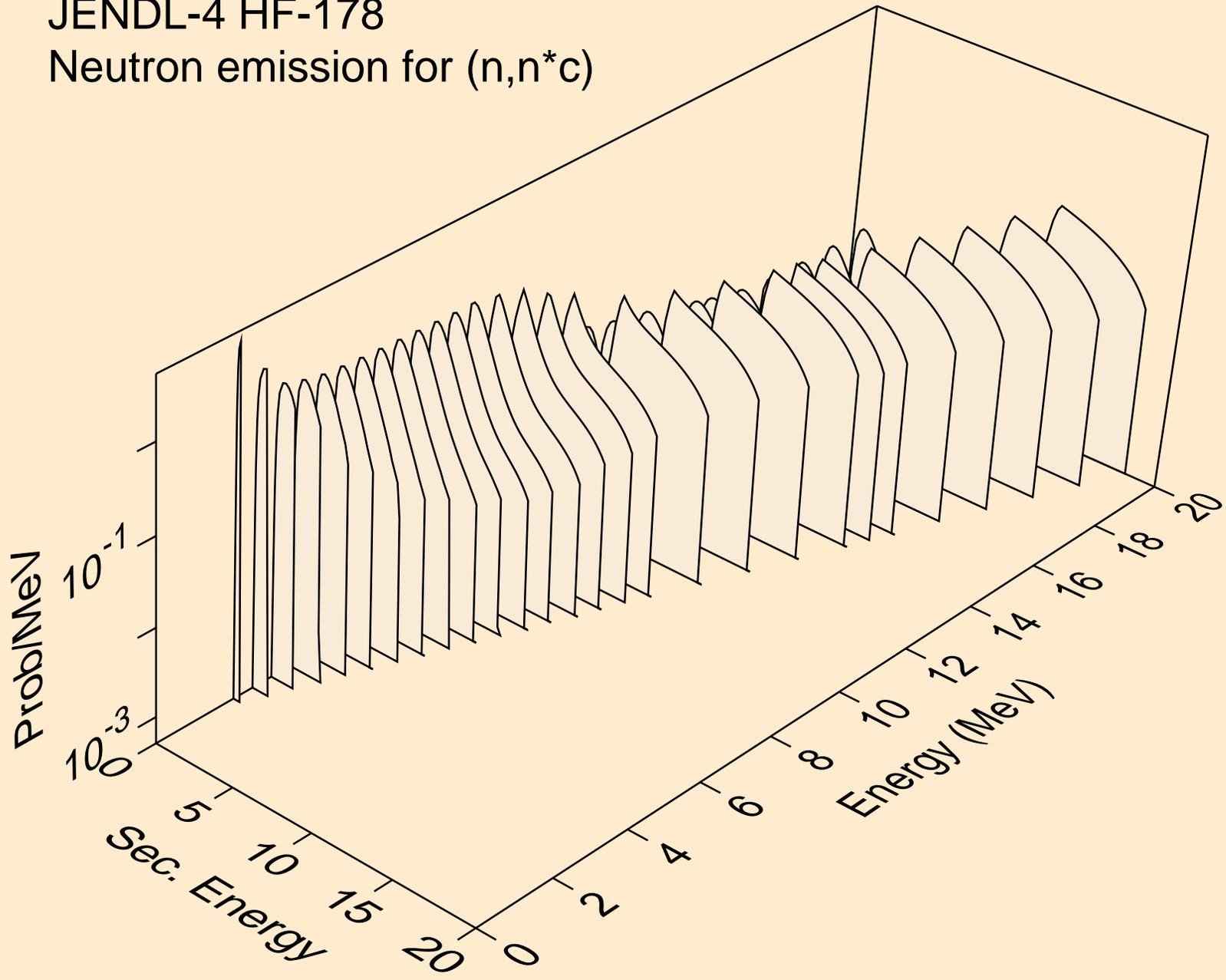
JENDL-4 HF-178  
Neutron emission for (n,n\*)p



JENDL-4 HF-178  
Neutron emission for (n,n\*)d

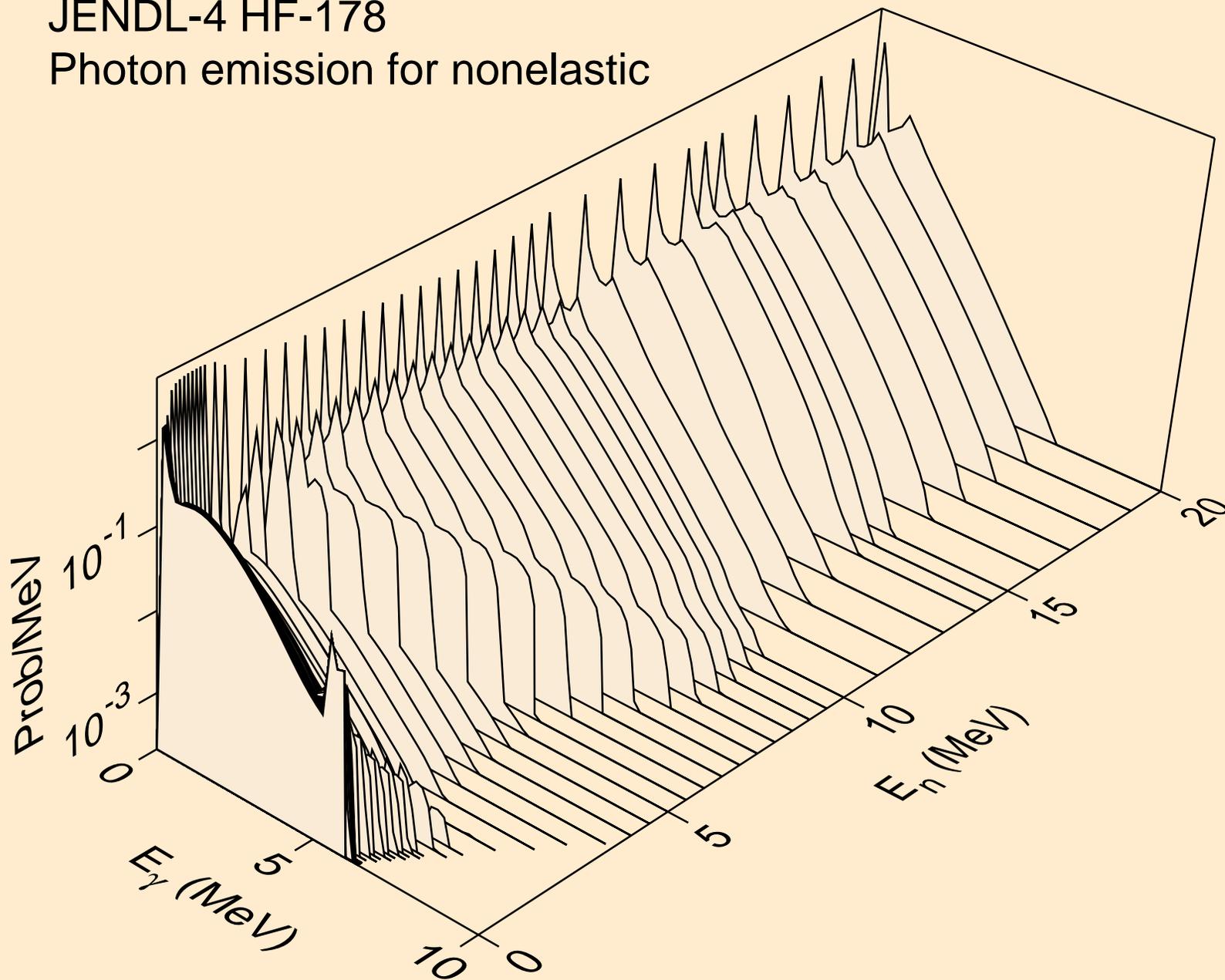


JENDL-4 HF-178  
Neutron emission for (n,n\*c)

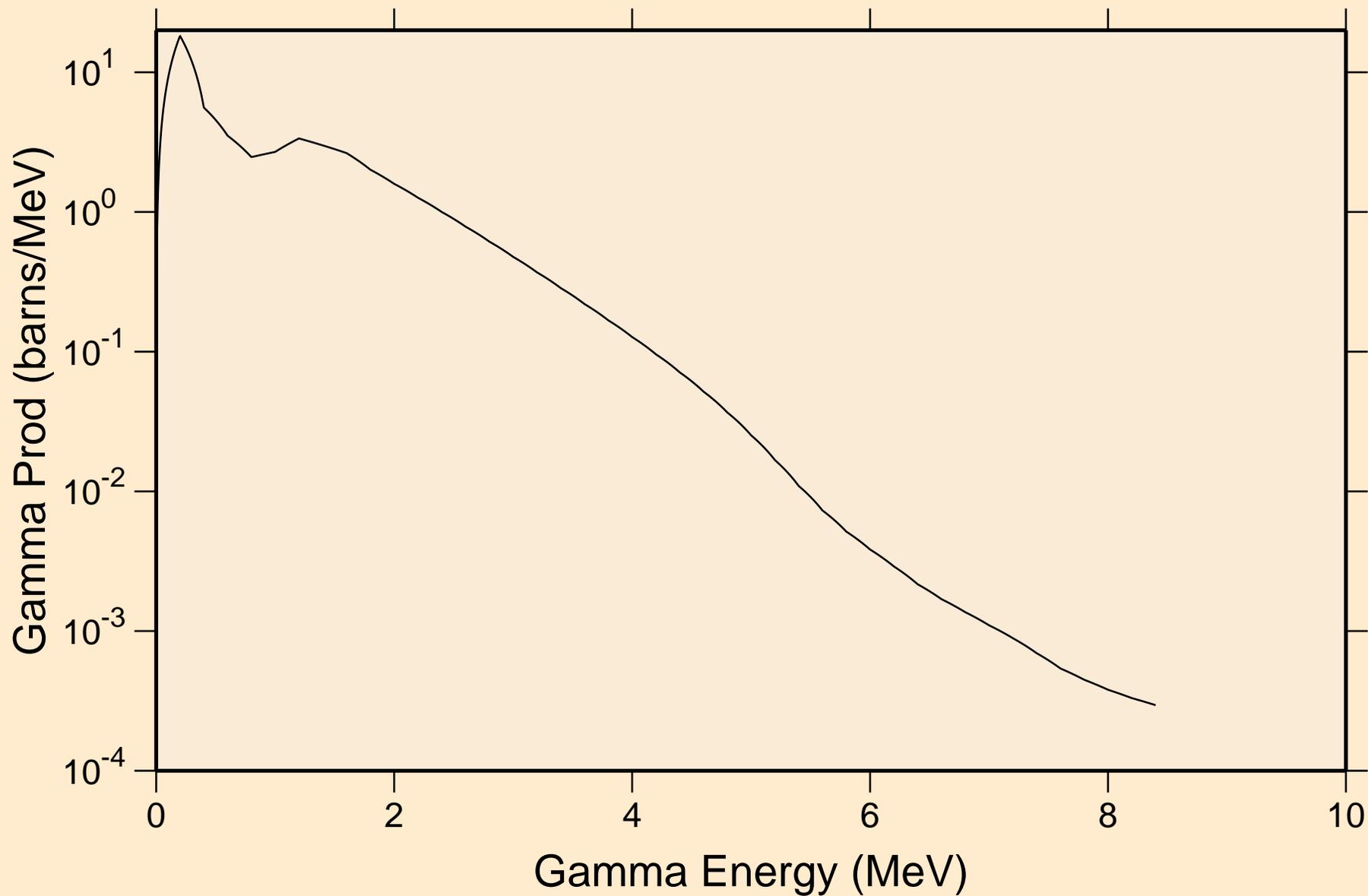


JENDL-4 HF-178

Photon emission for nonelastic

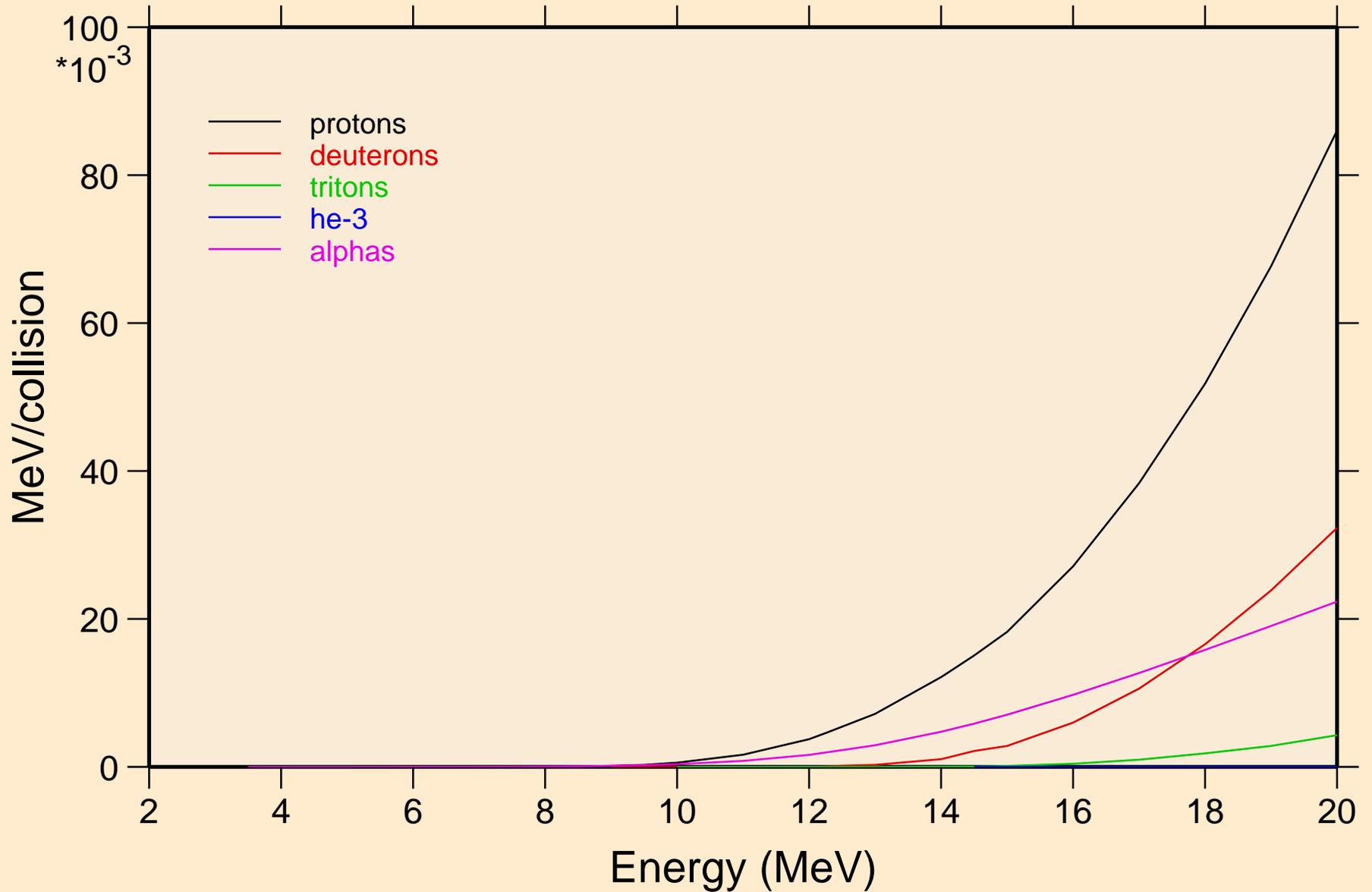


JENDL-4 HF-178  
14 MeV photon spectrum



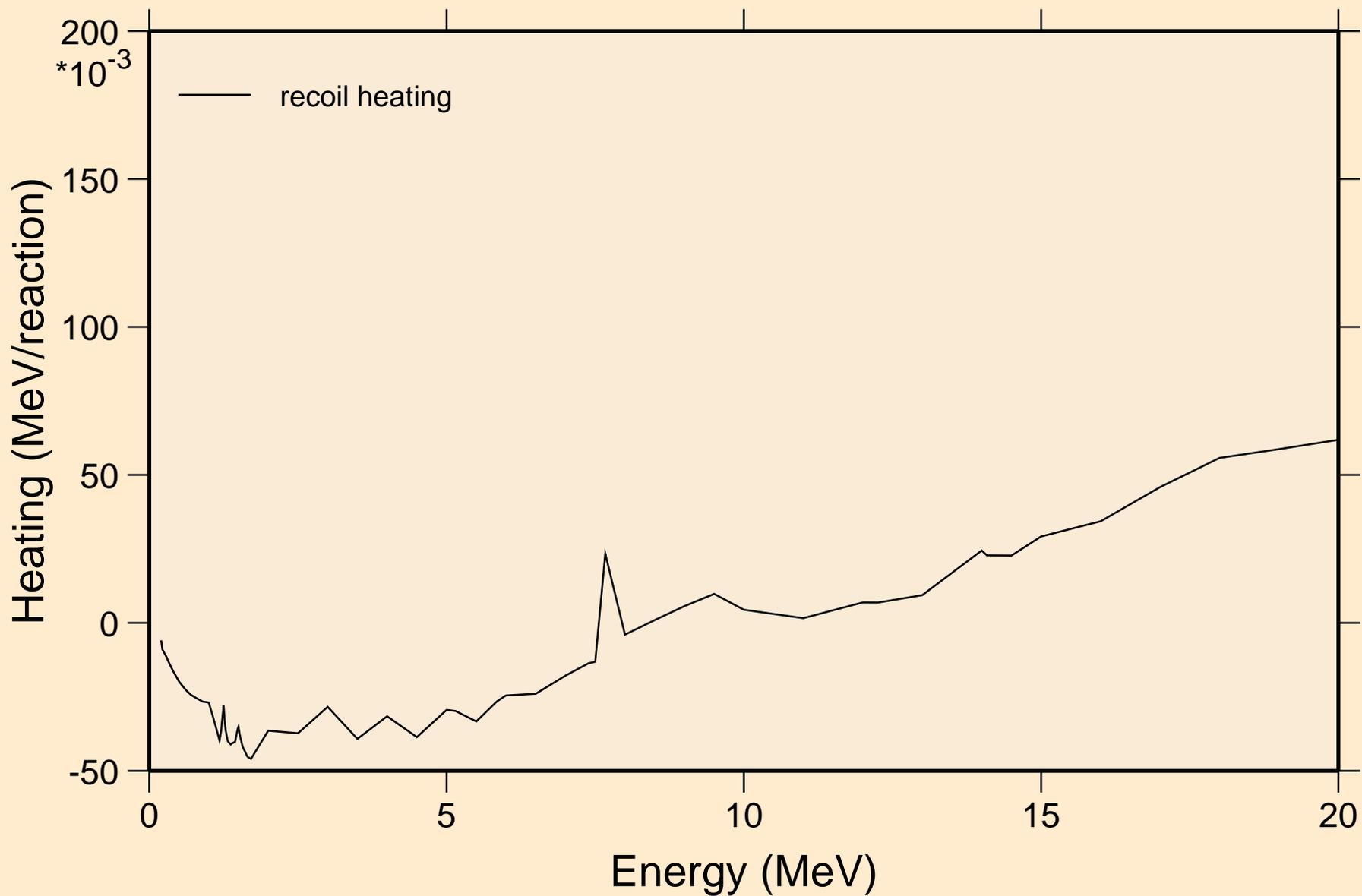
# JENDL-4 HF-178

## Particle heating contributions



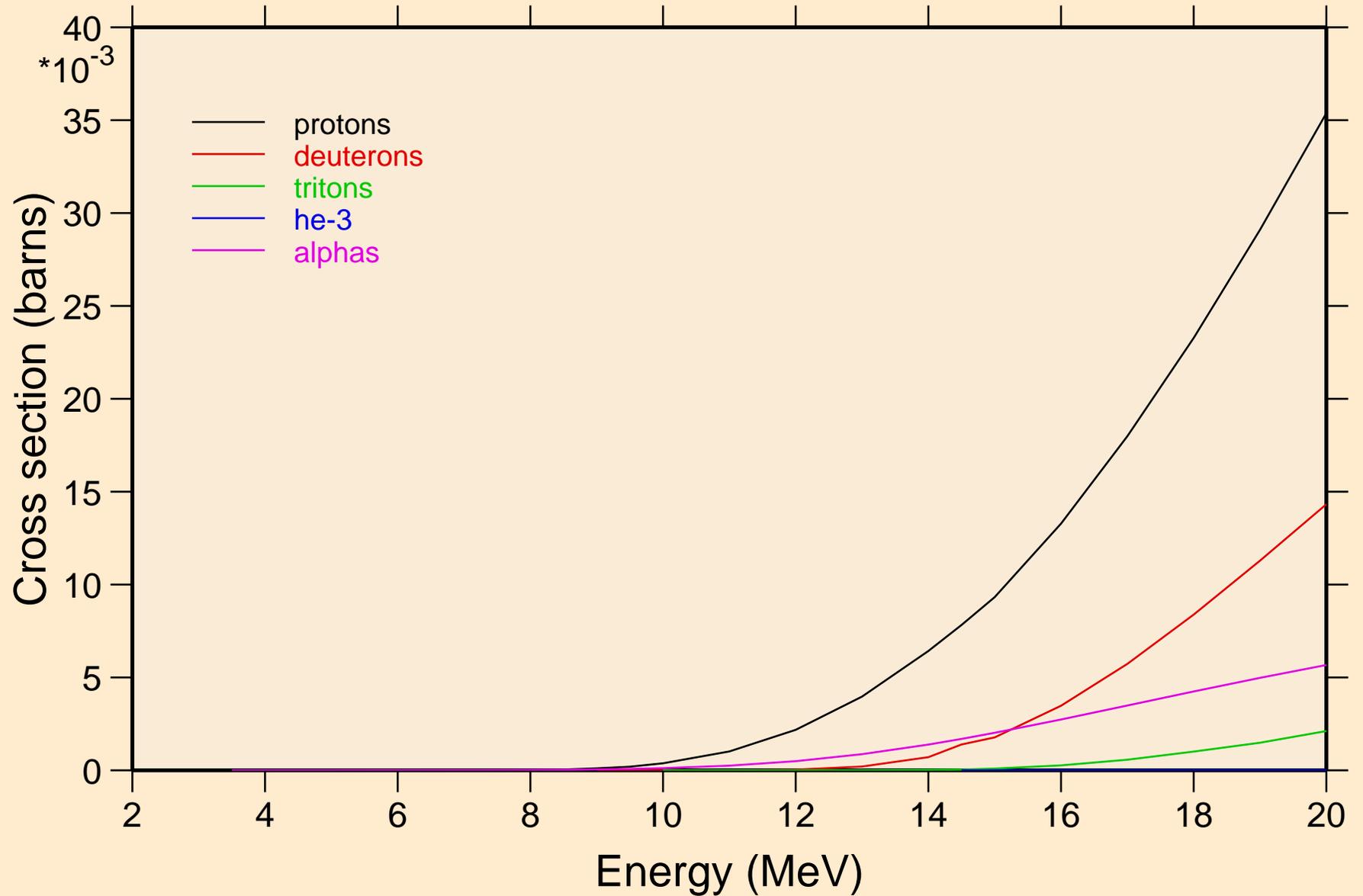
# JENDL-4 HF-178

## Recoil Heating

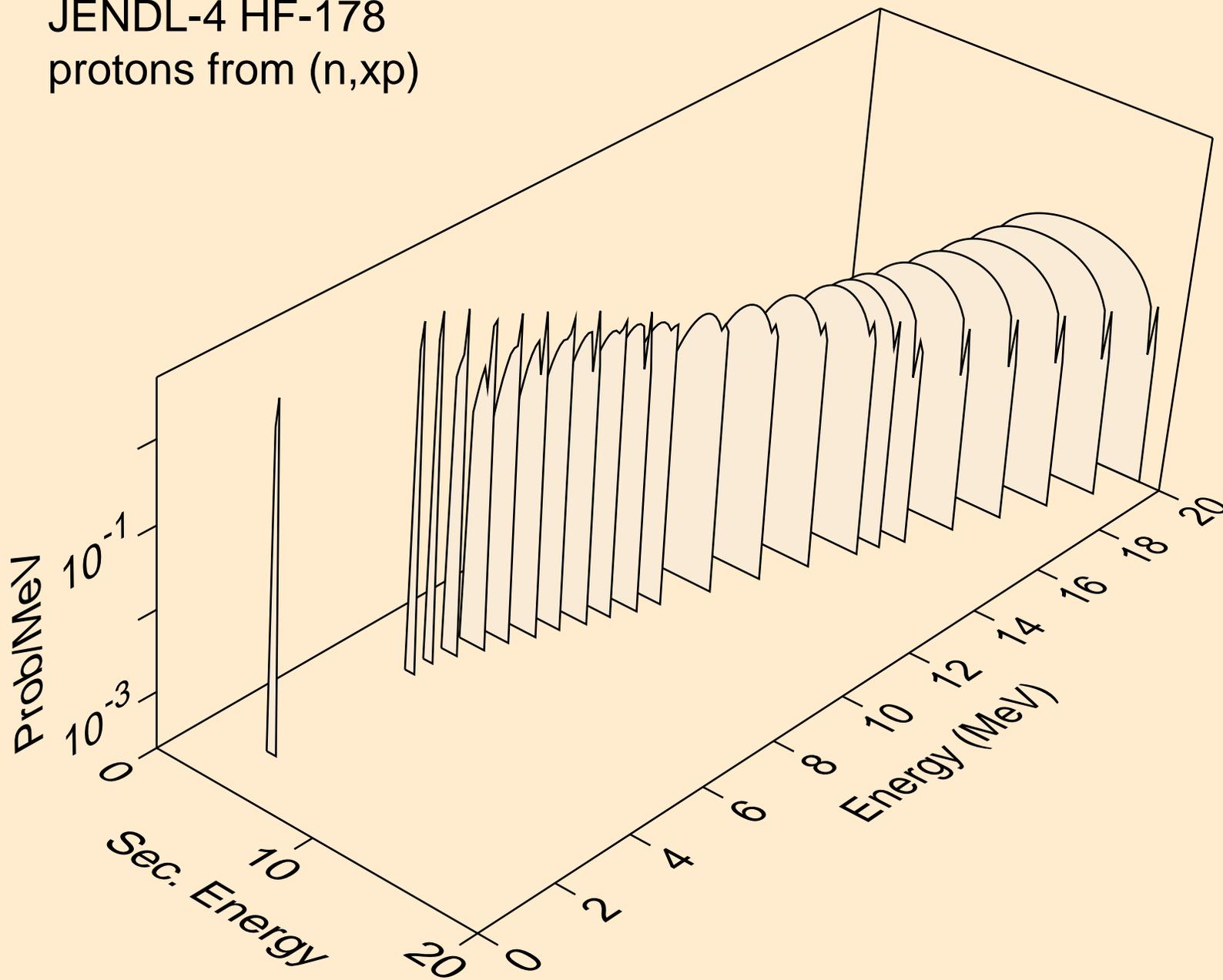


# JENDL-4 HF-178

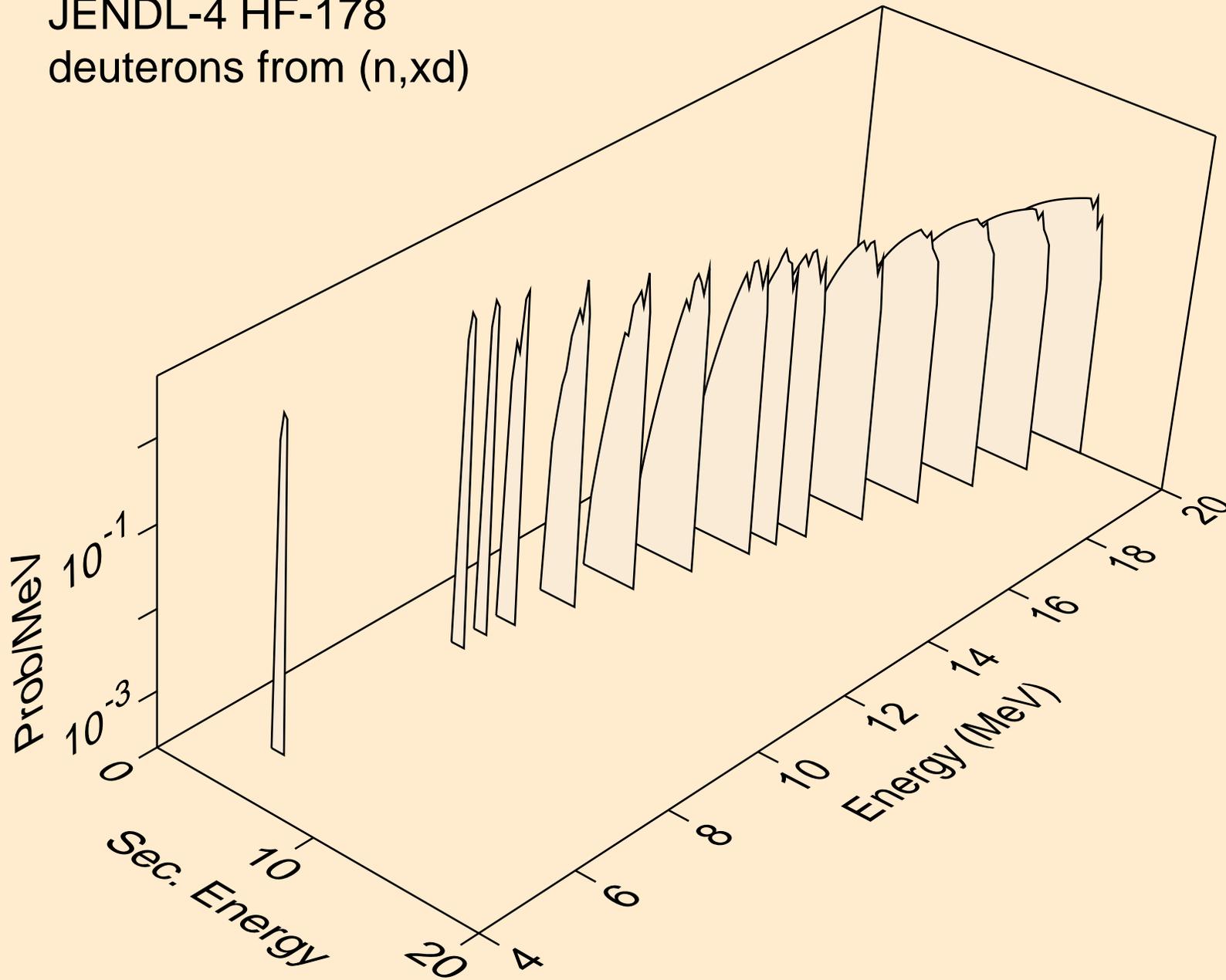
## Particle production cross sections



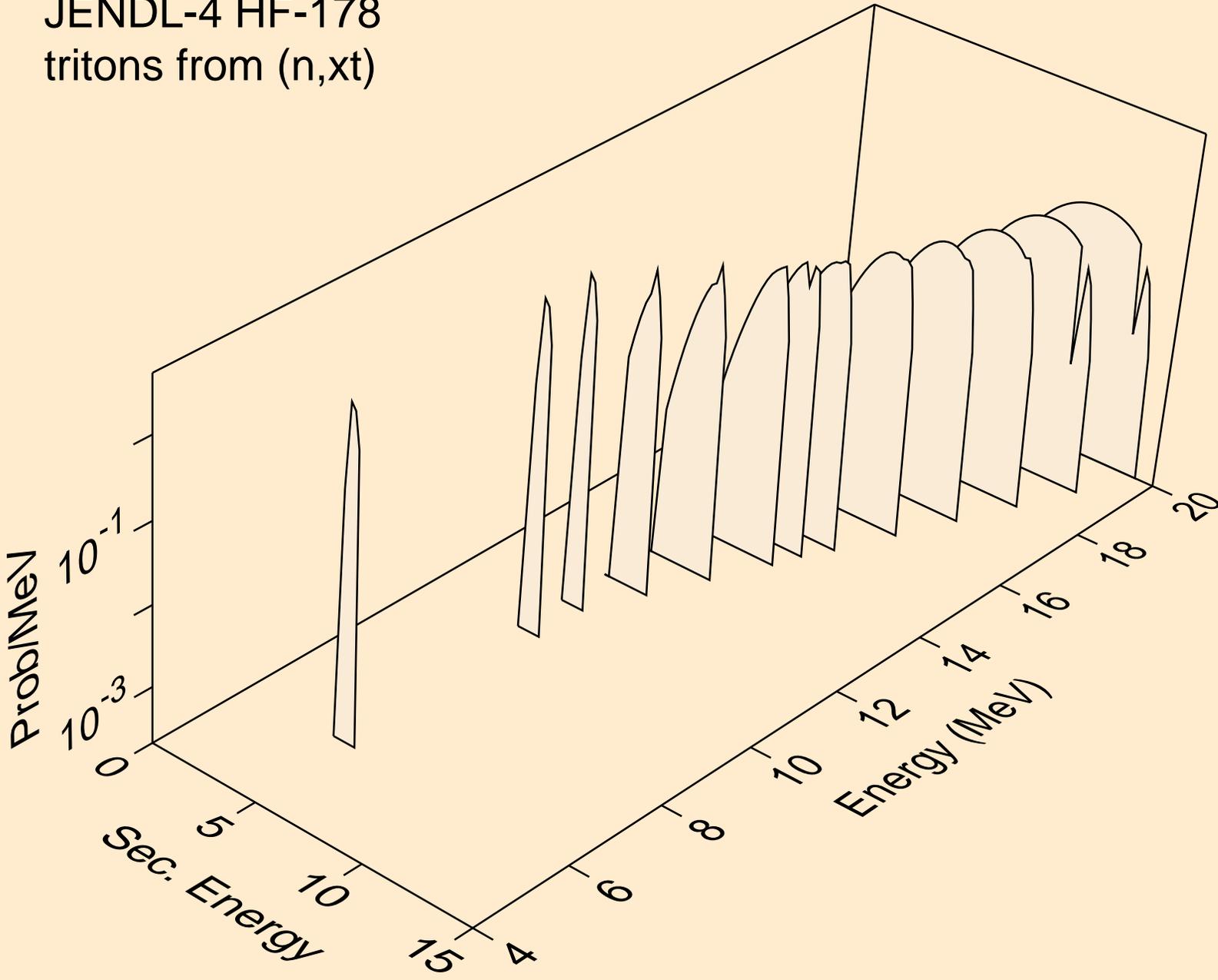
JENDL-4 HF-178  
protons from (n,xp)



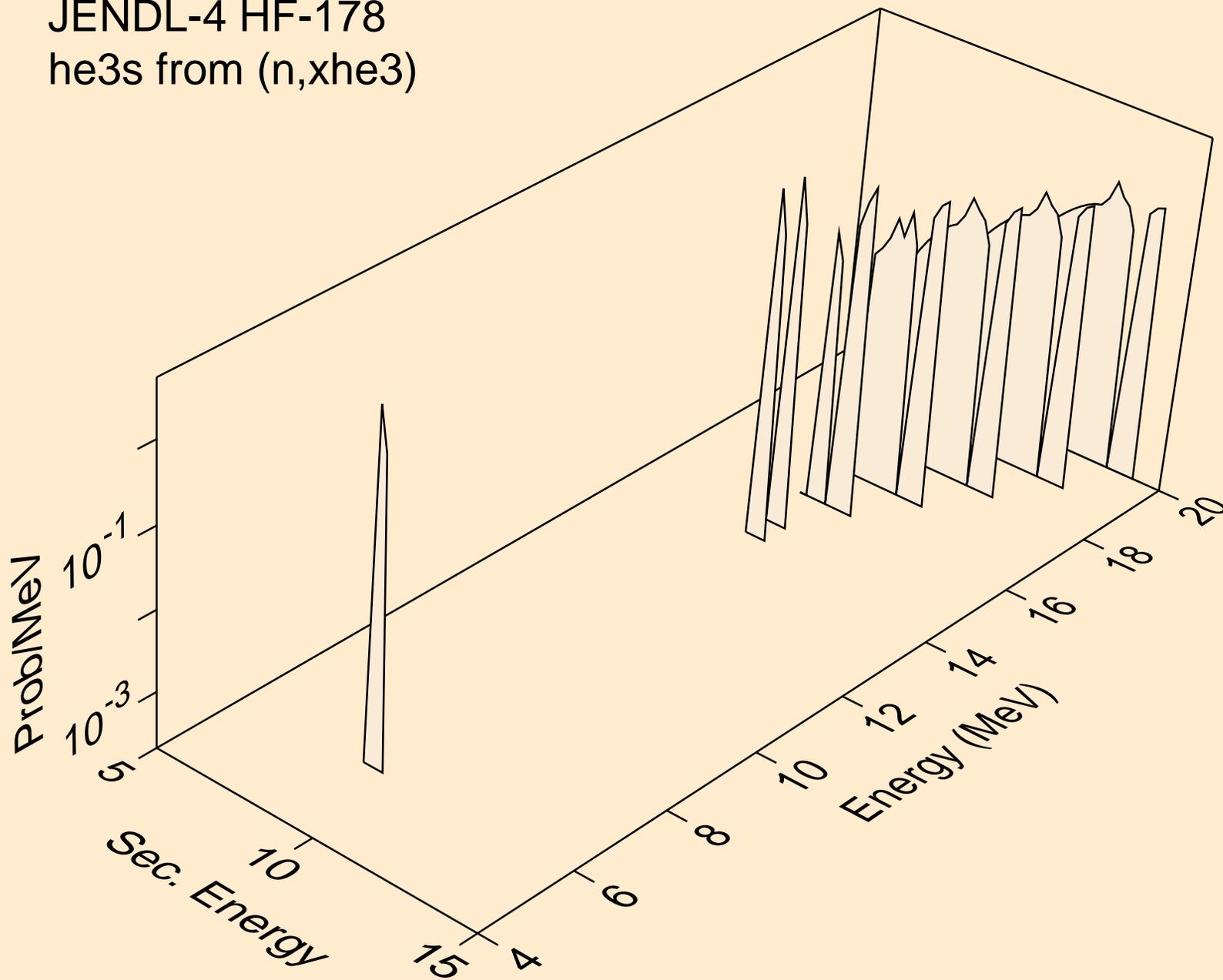
JENDL-4 HF-178  
deuterons from (n,xd)



JENDL-4 HF-178  
tritons from (n,xt)



JENDL-4 HF-178  
he3s from (n,xhe3)



JENDL-4 HF-178  
alphas from (n,xa)

